Lancaster Farming

VOL. 27 No. 29 | Lancaster Farming, Saturday, May 15, 1982 | $7.50 per year

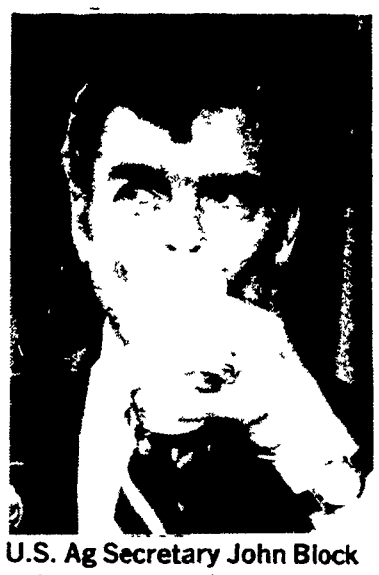
Block's dairy plan ruffles co-ops' feathers

LANCASTER — Although John Block's dairy support proposal, last week, met with mixed reaction from several national and state farm and dairy groups, the general feeling of agreement was the U.S. Agriculture Secretary was overstepping his boundaries by asking for total discretion to set support prices.

"Approval of such a plan by the Congress would be granting the Secretary the authority to totally eliminate any effective price support program in response to budget and other pressures exerted on him," said Edward McNamara, president of Northeast Dairy Cooperative Federation.

The NEDCO chief, however, noted that Block's decision to freeze the price support at $13 10 per hundredweight was welcome news. McNamara, a member of the National Milk Producers' Federation executive committee said the NMPF favored the bulk of the multi-point proposal.

American Farm Bureau Federation president Robert Delano voiced his approval for the majority of Block's plan.



U.S. Ag Secretary John Block gets taste of farmers' feelings on proposed dairy plan.

"The administration's dairy package provides producers an opportunity to get their house in order," Delano said.

But Delano expressed reservations to giving the secretary such authority, noting that no

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Pa. plans $6 million gypsy moth assault

BY DEBBIE KOONTZ

LANCASTER — The 1982 gypsy moth invasion has been launched and Pennsylvania plans a counterattack with a $6 million, 500,000-acre spraying program assisted through both local and federal governments

This year the invasion is expected to exceed that of last year by as much as 10 to 15 percent nationwide, according to the US Department of Agriculture. Last year gypsy moths defoliated 11 million acres of trees in the United States — up from 5.1 million in 1980.

The gypsy moth is the most important defoliating insect of hardwood trees in the eastern United States, according to the USDA. The federal government has spent more money in efforts to control the moth's damage than it has spent on any other insect control program in history

The gypsy moth is identified as a major pest in all the New England states, New York, New Jersey, and Pennsylvania There also have been outbreaks in Delaware, Maryland, North Carolina, Virginia, Ohio, Michigan, West Virginia, Wisconsin, Illinois, Santa Barbara County in California, and the Seattle area of Washington

According to Maurice Hobaugh, district forester with the PA Department of Environmental Resources, few insect suppression projects nationwide can compare with the complexity of this year's proposed operation. Statewide, spraying is planned in parts of 43 counties, and is currently being conducted.

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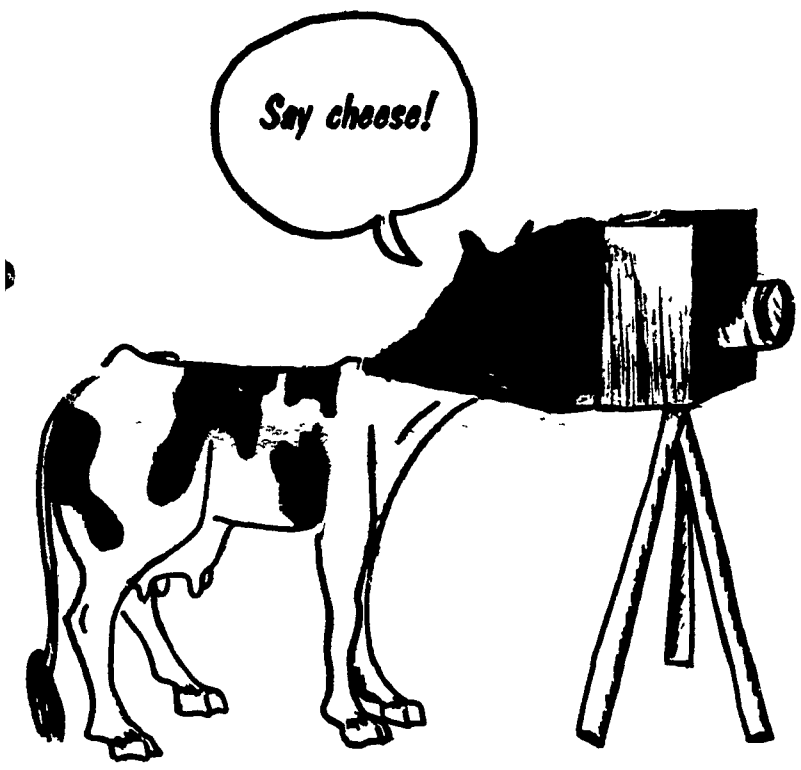

Join us for

June Dairy Month

LANCASTER — Attention all dairy enthusiasts, advertisers and amateur photographers! **Lancaster Farming** is gearing up for June Dairy Month 1982 and we want you to participate.

Help us celebrate this important facet of agriculture — our state's Number One industry.

Since last year, Pennsylvania has moved up one notch in milk production and now stands at number four, nationwide. Maryland recorded the largest increase in the nation and other sister states are moving forward in production, technology and breeding.

Just as the past year was one for celebration, it was one for nationwide concern. With uncertainty dotting price supports and government purchases, **Lancaster Farming** will continue to keep you up to date on all the issues affecting thousands of farm families.

Next month's issues will carry an abundance of dairy features, special reports and DHIAs We will take you to the farm, introduce you to trend-setting producers, offer sensible advice in management and confront state and national officials with the issues.

As we share this great industry with you, we also welcome your ideas. That benevolent bovine or hardworking farmer that you know may have a page waiting for them in next month's issues of **Lancaster Farming**.

Our Home on the Range section will be brimming with new dairy recipes from our faithful readers. To the first 100 cooks who share their recipes, a special Dairy Month gift will be sent to show our appreciation.

Due to the overwhelming response we had in our first Dairy Photo Contest last year, **Lancaster Farming** will once again be taking a look at prize-winning pictures sent in by our readers. This year, the amateur photographer's contest features three categories Dairy Farms, a dairy farm in a scenic setting; Dairy Partners,

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Mo. farmer Peter Myers runs SCS from ground up

BY SHEILA MILLER

WASHINGTON D.C. — Peter C. Myers, whose tanned face and squint-lined eyes are trademarks of this 51-year-old man's days in the sun and wind aboard a tractor seat, has weathered the storm of controversy that followed him here after his appointment by Secretary of Agriculture John Block to head the USDA's Soil Conservation Service.

With a seemingly veteran calm and composure, the Missouri farmer fielded questions from a group of newspaper farm editors, just three weeks after reporting for duty on April 1. His common-sense answers were fresh-off-the farm and were based on a strong conviction to soil and water conservation.

Myers, who replaced 64-year-old Norman Berg who had been with SCS for 40 years and served as its administrator since 1979, was the first person to be appointed to the agency's top post without any prior SCS service.

What he might seem to lack in technical training, Myers makes up for in practical experience — 27 years in farming. After graduating from the University of Wisconsin with a Bachelor of Science degree in agriculture and after a two-year tour of duty in the U S. Army, Myers started his farming career in 1955. He currently operates a 1,100-acre corn, seed corn, soybean, milo, wheat, and alfalfa farm at Matthews, Mo. which is in the southeastern, Boot Hill section of the state, near the Mississippi River.

The concepts of soil and water conservation are nothing new to

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Soil stewardship has been a family tradition for Bob and Joyce Wagner of Quarryville Bob is a director with the Lancaster County Conservation District Find more about the Wagner's soil-saving practices on page A28 and read about another LCCD director and chairman Aaron Stauffer on page B18.

Livestock market and auction news

Lancaster Market

Monday, May 10
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1543	85	974	183
Last Monday	873	93	573	230
Last Year	1223	64	1338	141
Monday's Auction	1641	85	1011	209
Last Monday's Auction	930	92	548	282

CATTLE: Compared to last Wednesday slaughter steers 1.50-2.50 higher; slaughter heifers 1.00-2.00 higher; cows 1.00-2.00 higher, extremes on Utility 3.00 higher; bullocks 1.00-2.00 higher; bulls 50-1.00 higher, instances 2.00 higher. Supply included 78% slaughter steers, 8% bulls, 8% slaughter heifers, and 6% cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1350 lb. 74.50-77.85, few 77.85-78.85, with about 30 head 79.35-80.75; Choice 2-4 1025-1350 lb. 71.75-75.50; high Good and low Choice 2-3 975-1275 lb. 68.50-71.50; few Good 2-3 64.00-69.00; Good and Choice 1250-1500 lb. Holsteins 65.50-67.75; Standard 1-2 60.50-64.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lb. 67.75-71.00; few Good 2-3 850-1050 lb. 63.75-66.00.

COWS: Utility and Commercial 1-3 46.50-48.50, few 48.50-50.25; Cutter 1-2 43.50-45.25, few 45.50-47.00; Canner and low Cutter 44.00-44.50.

BULLOCKS: Choice 1050-1350 lb. 59.75-65.75, couple 66.00-67.00, individual 70.50; Good 1000-1250 lb. 56.00-60.00.

BULLS: Yield grade 1 1400-2100 lb. 53.50-57.50, few 57.50-59.50, couple 64.00-66.75; yield grade 2 1000-1350 lb. 51.00-53.50.

VEAL CALVES: Vealers firm to 5.00 higher.

VEALERS: One lot Prime special fed 310 lb. 135.00; Choice and Prime 250-320 lb. 115.00-126.00; Choice 150-230 lb. 95.00-110.00, few 110.00-115.00; high Good and low Choice 150-300 lb. 85.00-100.00, 120-160 lb. 65.00-85.00, 80-115 lb. 55.00-65.00.

Vintage Auction

Tuesday, May 11
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1552	620	30	10
Last Tuesday	1115	563	28	12
Last Year	1534	482	46	

CATTLE: Compared to last Tuesday slaughter steers uneven, average Choice and Prime weak to 1.00 lower, Good to average Choice steady to firm, instances 50-75 higher; slaughter heifers steady to weak; cows 1.00-2.00 higher, instances 3.00 higher on Utility; bulls 1.00-2.00 higher. Supply included 75% slaughter steers, 19% cows, 4% bulls, and 2% slaughter heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1350 lb. 73.00-76.75, few head 77.00-78.50, four head 79.75-80.00; Good and Choice 1-2 1050-1325 lb. 74.00-76.50, few head 76.50-78.00; Choice 2-4 1050-1350 lb. 69.75-74.50, few 74.50-75.25; high Good and low Choice 2-3 68.50-70.50; Good 2-3 64.00-67.75; Good and Choice 1250-1475 lb. Holsteins 61.50-63.75, few 64.00-65.00; Standard 1-2 58.00-61.00.

SLAUGHTER HEIFERS: Good 2-3 780-1000 lb. 60.00-63.25; few Choice 2-3 950-1050 lb. 63.75-66.50.

COWS: Utility and Commercial 1-3 47.00-49.50, several 50.00-52.00, couple 52.75-53.75; Cutter 1-2 45.00-47.50, few 48.50-50.50; Canner and low Cutter 40.00-43.75.

BULLS: Yield grade 1 1400-1850 lb. 53.50-55.50, couple 57.00-57.50; yield grade 2 1000-1350 lb. 49.50-52.00.

VEAL CALVES: Vealers firm to 5.00 higher. Supply included 458 in graded sale of which 65% sold to return to farm.

VEALERS: Choice 160-280 lb. 97.00-105.00, few 107.00-111.00; high Good and low Choice 150-160 lb. 80.00-95.00, 110-150 lb. 73.00-82.00, 80-110 lb. 63.00-73.00, few 70-80 lb. 58.00-65.00.

RETURNED TO FARM: 55 head 90-115 lb. Holstein heifers 74.00-82.00, 20 head 80-85 lb. 71.00-and one lot 70-75 lb. 64.00; 25 head 120-125 lb. Holstein bulls 90.00-91.00, 127 head 100-115 lb. 93.00-100.00, 45 head 90-95 lb. 81.00-88.00 and 20 head small frame 110-125 lb. 78.00.

SHEEP: Small supply spring lambs and slaughter ewes fully steady.

SPRING LAMBS: Few Choice 40-70 lbs. 83.00-90.00.

SLAUGHTER EWES: Utility and Good 20.00-32.00.

GOATS: All goats sold by the head, mainly 23.00-28.00, couple 38.00.

Lancaster Auction

Wednesday, May 12
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	478	36	993	0
Last Wednesday	362	20	743	29
Last Year	751	27	568	7
Wednesday's Auction	288	33	921	0
Last Wednesday's Auction	304	21	774	9

CATTLE: Compared to Monday small supply slaughter 50-1.00 lower; slaughter heifers not fully tested; cows steady to weak, instances 1.00 lower; bulls not tested; Supply included 55 percent slaughter steers and 31 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1565 lb. 74.50-77.50, couple 78.00-78.35; Good and Choice 1-2 1040-1375 lb. 70.50-74.50; Choice 2-4 1050-1450 lb. 70.50-74.35, few Choice 2-3 900-100 lb. 68.00-71.00; high Good and low Choice 2-3 1000-1275 lb. 67.25-70.00; Good and Choice 1300-1520 lb. Holsteins 62.75-64.10.

SLAUGHTER HEIFERS: Choice 2-3 950-1050 lb. 64.00-66.00, couple Choice 2 1075-1150 lb. 68.75-69.85; few Good 700-800 lb. 54.00-59.00.

COWS: Utility and Commercial 1-3 46.00-47.25, couple 47.25-48.75; Commercial 3-4 45.00-48.00; Cutter 1-2 40.75-46.50; Canner and low Cutter 39.00-42.00.

BULLS: Yield grade 1 1400-1800 lb. 55.00-58.60, individual 1330 lb. 65.25.

VEAL CALVES: Vealers mostly steady.

VEALERS: High Good and low Choice 150-250 lb. 75.00-85.00, individual 90.00; 85-115 lb. 60.00-70.00, few 70-80 lb. 50.00-60.00.

RETURNED TO FARM: Few 95-115 lb. Holstein bulls 80.00-92.00.

SHEEP: No market test.

New Holland Auction

Thursday, May 13

CATTLE: 1809. Compared to last Thursday slaughter steers uneven, Choice weak to mostly 1.00 lower, other grades 1.00-2.00 lower, extremes 3.00 lower on high Choice and Prime; slaughter heifers steady to weak; cows steady to lower; bullocks 1.00-2.00 higher; bulls 3.00-4.00 higher. Supply included 71 percent slaughter steers, 16 percent cows, 6 percent slaughter heifers, 5 percent bulls with 2 percent feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1135-1400 lb. 73.00-76.50, few lots 76.85-77.60; Good and Choice 1-2 1050-1350 lb. 72.00-75.75; Choice 2-3 1050-1325 lb. 70.00-73.75 few 74.00-74.50, 950-1050 lb. 69.00-70.50; high Good and low Choice 2-3 67.75-70.50; Good 2-3 64.50-67.75; few Good and Choice 1200-1425 lb. Holsteins 64.25-67.25; Standard 1-2 59.50-63.75.

SLAUGHTER HEIFERS: Choice 2-3 880-110 lb. 64.00-68.50, few yield 2 68.50-69.50; Good 2-3 850-1050 lb. 57.50-64.00.

COWS: Utility and Commercial 1-3 46.50-49.60, several 49.75-52.00, couple 52.00-52.60; Cutter 1-2 43.25-47.50, few 47.50-50.00; Canner and low Cutter 40.50-44.50.

BULLOCKS: Choice 1050-1350 lb. 59.00-63.50, couple 64.75-67.25; Good 1000-1250 lb. 55.00 59.00.

BULLS: Yield grade 1 1350-2000 lb. 52.75-56.00, few 56.00-57.50; yield grade 2 1000-1450 lb. 49.75-53.50.

VEAL CALVES: 379. Vealers fully steady.

VEALERS: Choice 160-260 lb. 98.00-106.00, few 109.00-117.00; high Good and low Choice 140-285 lb. 75.00-95.00, 90-115 lb. 64.00-72.00, 75-90 lb. 58.00-65.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 90.00-102.00, few 102.00-109.00; Bulk 90-115 lb. Holstein heifers 85.00-100.00, few 104.00-112.00.

SHEEP: 93. Spring lambs steady; slaughter ewes 3.00-5.00 higher.

SPRING LAMBS: Choice 60-95 lb. 62.00-72.00, few 74.00-77.00; few Choice 30-50 lb. 85.00-102.00.

SLAUGHTER EWES: Utility and Good 21.00-33.00, few 36.00-39.00.

GOATS: 37. All goats sold by the head, mainly 22.00-40.00, few 47.00-61.00.

Lancaster Weekly

Friday, May 14

	Cattle	Calves
This Week	6400	1125
Last Week	4217	1060
Last Year	5368	906

CATTLE: Slaughter steers opened the week fully steady, later trade 1.00-2.00 lower, extremes 3.00 lower on high Choice and Prime; slaughter heifers steady; cows steady to 1.00 lower; bullocks 1.00-2.00 higher; bulls closed 3.00-4.00 higher. Supply included 61 per cent slaughter steers, 12 per cent cows, 5 per cent slaughter heifers, 5 per cent bulls, balance feeder steers held mainly for Friday's auction.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1400 lbs. 73.00-76.75, several mainly on Monday 77.00-79.00 with 30 head 79.35-80.75; Good and Choice 1-2 1050-1350 lbs. 72.00-76.50 few early 76.50-78.00; Choice 2-4 1050-1350 lbs. 70.00-73.75, few 74.00-75.25; Choice 2-3 950-1050 lbs. 68.50-70.50, high Good and low Choice 2-3 67.75-70.50, Good 2-3 64.00-67.75; Good and Choice 1250-1550 lbs. holstein 64.00-67.75, Standard 1-2 58.00-63.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1150 lbs. 64.00-68.50, few mainly Yield Grade 2 68.50-71.00; Good 2-3 800-1050 lbs. 59.00-64.50.

COWS: Utility and Commercial 1-3 46.50-49.50, several 49.50-52.00, couple 52.00-53.75, Cutter 1-2 43.25-47.50, few 47.50-50.00, Canner and low Cutter 39.00-43.50.

BULLOCKS: Choice 1050-1350 lbs. 59.00-64.75, couple 66.00-67.25, individual 70.50; Good 1000-1250 lbs. 55.00-60.00.

BULLS: Yield Grade 1 1350-2100 lbs. 52.75-57.50, few 57.50-59.50, couple 64.00-66.75; Yield Grade 2 1000-1350 lbs. 49.50-53.50.

VEAL CALVES: Vealers fully steady. Demand good for calves returned to farm.

VEALERS: One lot Prime special fed 310 lbs. 135.00; Choice and Prime 250-320 lbs. 115.00-126.00; Choice 150-270 lbs. 95.00-110.00, few 110.00-117.00; high Good and low Choice 150-300 lbs. 80.00-100.00, 120-150 lbs. 75.00-85.00, 80-

(Turn to Page A22)

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Hog Markets

Lancaster Hogs

Lancaster Stockyards
Saturday, May 8
Report supplied by auction

110 head.

U.S. 1 210-235 lbs. 59.50-60.50, few 60.75-61.25; U.S. 1 & 2 210-245 lbs. 58.85-59.25; U.S. 2 & 3 200-255 lbs. 58.50-58.75; Sows 300-450 lbs. 50.00-52.50, 450 lbs. and up 52.00-52.50; Boars 200-300 lbs. 50.00-54.25, 300 lbs. and up 43.00-43.75.

Lancaster Hogs

Monday, May 10
Report supplied by auction

HOGS: Barrows and gilts firm to 50 higher.

BARROWS AND GILTS: US 1-2 205-250 lbs. 59.75-60.50, few 60.50-61.00; US 1 205-250 lbs. 61.50-62.60; US 1-3 200-270 lbs. 58.75-59.75, mainly 59.00-59.50.

SOWS: US 1-3 300-450 lbs. 53.50-55.00; 450-650 lbs. 55.00-56.00, few 56.00-56.50.

Tuesday, May 11

TODAY	306
LAST TUESDAY	280

TREND: Compared to Monday barrows and gilts 50-75 higher.

BARROWS AND GILTS: US 1-2 205-245 lbs. 60.50-61.25, Few 61.35-61.50; US 1 210-250 lbs. 62.00-62.75; US 1-3 210-270 lbs. 60.00-60.50, One lot 202 lbs. 59.35.

Wednesday, May 12

HOGS: Barrows and gilts closed 1.00-2.00 higher than Tuesday.

BARROWS AND GILTS: US 1-2 205-250 lbs. 62.75-63.60, few early 62.25-62.75. US 1 205-245 lbs. 63.50-64.00. US 1-3 200-265 lbs. 62.00-62.75, few early 60.50-62.00.

Indianapolis Hogs

Thursday, May 13

HOGS: 1300. Barrows and gilts moderately active, steady to 25 lower, instances 50 lower on mixed US 1-3.

BARROWS AND GILTS: US 1-2 200-250 lbs. 59.50-60.00; one lot 265 lbs. 59.00; US 1-3 220-260 lbs. 59.00-59.50.

Sows steady in light test. Few US 1-3 500-550 lbs. 56.00-56.50.

St. Louis Hogs

Thursday, May 13
Report supplied by USDA

HOGS: 5000. Barrows and gilts steady to 50 lower, full decline of 220-260 lbs.

BARROWS AND GILTS: US 1-2 220-250 lbs. 59.00-59.25, 300 59.50; US 1-3 210-260 lbs. 58.50-59.00; 250-270 lbs. 58.00-58.75.

Sows steady to 1.00 higher, advance mainly on weights over 600 lb.

SOWS: US 1-3 300-500 lbs. 53.00-54.00, few 54.50; over 500 lb. 54.00-56.00.

New Holland Hogs

Monday, May 10
Report supplied by USDA

Today	1450
Last Monday	1135
Last Year	1164

TREND: Compared to last Monday barrows and gilts mostly 2.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lbs. 59.35-60.00, Mainly 59.60-59.85; US 1 41 head 210-225 lbs. 60.35-61.00; US 1-3 200-260 lbs. 58.50-59.35, Couple lots 260-265 lbs. 57.50-57.85; US 2-3 Few lots 200-225 lbs. 56.25-57.60.

Lancaster Feeder Pigs

Tuesday, May 11
Report supplied by USDA

Today	1362
Last Tuesday	886
Last Year	1330

TREND. Compared to last Tuesday feeder pigs 5.00-10.00 lower. Supply included about 60% US 1-2 30-50 lb. pigs All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 71 head 18-23 lbs. 170.00-178.00; 45 head 25-27 lbs. 144.00-150.00; 122 head 30-39 lbs. 135.00-145.00; 577 head 40-48 lbs. 131.00-136.00; 98 head 47-49 lbs. 119.00-125.00; 118 head 50-59 lbs. 113.00-121.00; 68 head 60-69 lbs. 107.00-112.00; 6 head 71 lbs. 100.00.

US 2: 111 head 35-47 lbs. 122.00-130.00.

US 2-3: 24 head 32-36 lbs. 110.00-118.00; 15 head 48 lbs. 118.00-121.00; 11 head 60 lbs. 95.00.

Peoria Hogs

Thursday, May 13
Report supplied by USDA

HOGS: 4000. Barrows and gilts 50-75 lower.

BARROWS AND GILTS: US 1-2 200-250 lbs. 58.50-59.00; 100 head 59.25-59.35; US 1-3 200-250 lbs. 58.00-58.50.

Sows weak to 1.00 lower.

SOWS: US 1-3 350-500 lbs. 52.50-54.00; 500-650 lbs. 53.00-54.25.

Lancaster Feeder Pigs

Wednesday, May 12
Report supplied by USDA

Today	915
Last Tuesday	540
Last Year	846

TREND: Compared to last Wednesday feeder pigs 10.00-12.00 lower. All pigs weighed on arrival & sold by hundred weight.

US 1&2: 45 head 22-29 lbs. 143.00-146.00; 11 head 32 lbs. 144.00; 112 head 30-39 lbs. 124.00-136.00; 227 head 40-49 lbs. 124.00-130.00; 38 head 48 lbs. 114.00; 148 head 50-59 lbs. 122.00-125.00; 63 head 60-62 lbs. 112.00-124.00; 14 head 65 lbs. 104.00; 29 head 71-77 lbs. 92.00; 8 head 98-105 lbs. 78.00-80.00.

US 2 & 3: 12 head 22-24 lbs. 135.00-140.00; 25 head 30-39 lbs. 120.00-129.00; 41 head 40 lbs. 122.00; 34 head 54-56 lbs. 106.00-108.00.

US 3: 6 head 30 lbs. 114.00; 10 head 40 lbs. 106.00.

U.S. Inspected Livestock Slaughter

Thursday, May 13
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	521,000	40,000	1,279,000	88,000
Last Week	495,000	37,000	1,256,000	89,000
Last Year	476,000	31,000	1,428,000	85,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday May 13)

	Corn	Wheat	Soybeans	Soybean Meal
May	2.69¼	3.44¾	6.56½	190.80
July	2.77¾	3.58	6.63½	190.70
Oct.				192 30
Nov.			6 70¼	
Dec.	2.83	3.94¾		

Trend - Corn is lower, Wheat is lower Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

New York Multiple Drop Broiler Report

Thursday, May 13
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 49-51, 1495 boxes; Premium (X) U.S. Grade A 51½-55, 11,195 boxes.

WTD. AVG.: U.S. Grade A 50.25; Premium (X) 54.31.

(X) Includes special services, selected competitive brands, etc.

Futures Trading

(Closing Bids as of Thursday, May 13)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June	71.67	60.72	
July		61.20	
Aug.	66.90		
Oct.	64.15	56.57	
Nov.			7.85

Trend - Cattle are higher, Hogs are lower. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

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Hog Dept. 626-8653

You Have A Choice

If you miss Monday, there is always Wednesday

Today, as in the past, Walter M. Dunlap and Sons offers all cattle feeders the choice of what day to market their fat cattle.

Either Monday or Wednesday, we will advise you to the best of our ability what day that week we think is most advantageous to you.

So, Monday or Wednesday, you have a choice. Give us a call for market conditions and honest advice.

NEXT FEEDER PIG SALE
Tuesday, May 18 at 1:00 P.M.

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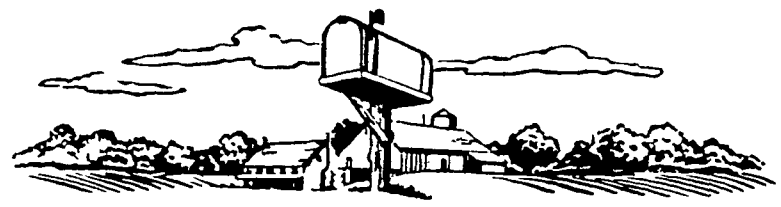

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Poultry Markets

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	May 11 Tuesday	May 13 Thursday
Class 1 - Large	48 lbs.	48	48½
Class 2 - Large	45 lbs.	46	48½
Class 3 - Medium	42 lbs.	43	43
Class 4 - Small	39 lbs.	37	35½
Breaking Stock	48 lbs.	42	41
Checks	48 lbs.	37½	36½

N. E. Weekly Shell Egg Report

Tuesday, May 11
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	80-87	78-85	69-76	47-54
Mostly	82-85	80-83	71-74	49-52
N. HAMP.	75-81	73-79	64-70	42-48
Mostly	77-80	75-78	66-69	44-47
R.I.	84-85	82-83	73-74	51-52
VERMONT	82-91	80-89	71-79	–
Mostly	84-86	82-84	73-75	–
MAINE	80-82	78-80	69-71	47-49

X Includes Central and Western Sections only.

Baltimore Eggs

Thursday, May 13
Report supplied by USDA

MARKET COMMENT: Market steady. Demand only fair. Supplies irregular.

Cartoned Eggs: Prices to retailers, state graded (min one case sale) white.

Grade A Large	64-69
Grade A Medium	56-61

Lancaster Farming

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P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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$7 50 per year; $13.00 - 2 years
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Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at
Lititz, PA 17543 USPS 304-040

For address change form or new subscription see Mailbox Markets

Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, May 11
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.28-1.40 per lb.

MUSCOVY DUCKS, HENS: range 1.16-1.34 per lb.

PEKING DUCKS range .82-.94 per lb.

RED FOWL: 4-5 lbs. range 28-34 per lb.

RED FOWL: 5-6 lbs. range .32-.46 per lb.

CROSSBRED FOWL: 5-9 lbs. range .30-.42 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .62-.84 per lb.

CROSSBRED ROOSTERS: 7-10 lbs. range .15-.68 per lb.

GUINEA FOWL: range 1.60-1.68 per lb.

BANTY ROOSTERS: range 2.25-3.85 ea.

BANTY HENS range .75-1.35 ea.

GEESE· 9-12 lbs. range .42-.76 per lb.

TURKEYS: 15-32 lbs. range .20-.48 per lb.

PIGEONS: range 1.50-1.75 ea.

WHITE PIGEONS: range 2.85-3.20 ea.

RABBITS: 4-6 lbs. range .80-1.00 per lb.

RABBITS: 7-10 lbs. range .70-.84 per lb.

GUINEA PIGS: range .10- 85 ea.

GOATS: range 25.00-59.00 ea.

KID GOATS: 22.00-40.00 ea.

TOTAL AMOUNT COUPS: 902.

Weekly New York Egg Market

From Friday, May 7 to May 14

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	72	72	72	72	72
Ex Large	67	67	67	67	67
Large	64	64	64	64	64
Mediums	56	56	56	56	55
Pullets	47	47	47	47	45
BROWN					
Jumbo	91	91	91	91	91
Ex Large	79	79	79	79	79
Large	77	77	77	77	77
Mediums	68	68	69	69	68
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	57	57	57	57	57
Checks	34	34	34	34	33

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Philadelphia Eggs

Thursday, May 13
Report supplied by USDA

MARKET COMMENT: Prices two cents lower than week ago. Carton movement light to fair, but noted as improving for next week in several quarters. Supplies and offerings adequate on large; fully adequate to ample on medium. Undertone mixed.

Prices to Retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 64-68; A Large 63-67; A Medium 54-58.

Eastern Pa. & N.J. Poultry

Wednesday, May 12
Report supplied by USDA

MARKET COMMENT: This week's commitment at 11 cents, but processors' needs for next week easily filled at 10 cents. Some processors even reluctant at this level. Demand for canner pack limited and slow to clear at 26-27 cents pickup at processor's dock. Heavy-type hens in light demand and adequate for current needs.

Light Type Hens:
At farm: 6-9, mostly 7-8.
F.O.B. Plant: 10-11, mostly 10.
Heavy Type Hens:
At Farm: 13-15, mostly 13-14.
F.O.B. Plant: 16-18, mostly 17-18.

Delmarva Poultry

Thursday, May 13
Report supplied by USDA

MARKET COMMENT: RTC movement on whole birds light and most plants are having great difficulty in moving current production. LTL asking prices have little meaning as discounting common in most quarters. Advanced interest spotty and lower offering prices have failed to stimulate any appreciable business for next week. Slaughter schedules heavy. Live supplies fully adequate and weights heavier than desired adding to problem of processors. Undertone weak.

Today's L.T.L. asking prices lower on U.S. Grade A at 48-53 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 5/13 1,883; Actual 5/6 1,880; Actual 5/11 1,872; Average Weights 5/11 4.36; and 5/4 4.28.

ATTENTION FARMERS

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HATFIELD PACKING CO. and
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Hogs and Cattle at the

DANVILLE LIVESTOCK MARKET
RD4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday Your hogs will be weighed and paid for immediately.
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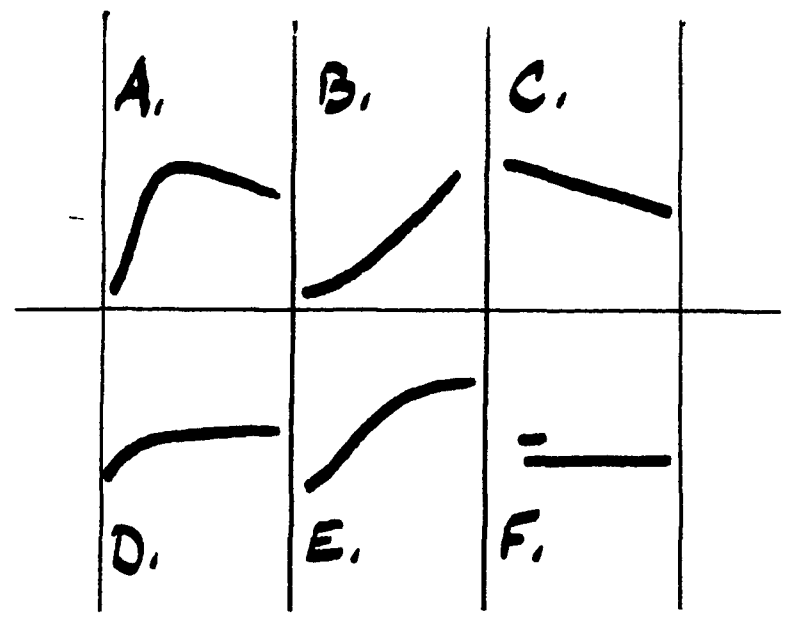
- Your cattle will be received from 12 Noon to 4 PM We will either pay for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day
- Please come and give us a chance to continue doing business with you through this method

FOR INFORMATION CALL
717-275-2880

Question:
Which of the following six lines is most important to today's surviving poultryman?



If you answered F. (the "Bottom Line") you are correct. The other lines (identified below) all play a part, of course, in making up the bottom line. But don't catch yourself bragging to your neighbors about peak production or egg size or feed consumption if your bird isn't the best "bottom line" performer. The DEKALB DK layer, we believe rates with the best on "bottom line" potential. We'd be glad to share with you some of the facts that make true this statement.

(Identification of other lines above A. Hen-day production, B. Hen-housed production, C Livability, D. Feed consumption, E % Large eggs)

CONTACT:

Moyer's CHICKS, INC.

DEKALB BROWN & WHITE EGG LAYERS
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HUBBARD WHITE MT. BROILERS

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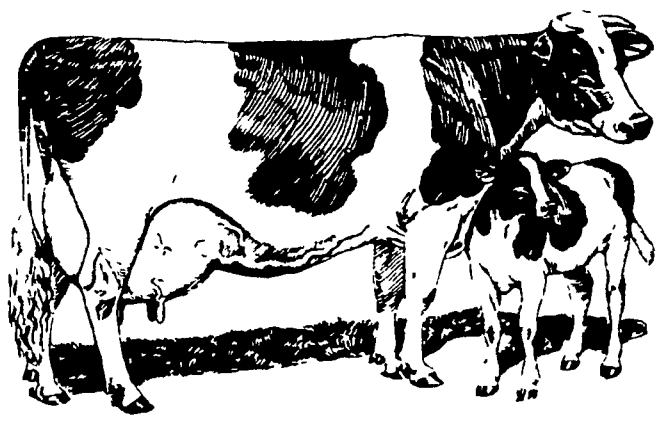

28¢ Per Day - provides her with a daily diet specifically formulated for pre-freshening cows.

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The 60 day period before freshening is a most important time in the life cycle of the cow. During the period she will "store-up" vitamin, mineral, and energy reserves which she will draw on during her following peak of lactation. Over 50% of her calf weight will develop during this period, and being a good mother, she will supply nutrients to her calf before she will rebuild her own body reserves.

Good dairymen have seen that proper feeding management during this critical-period, means **easier calving, better appetite** during early lactation, and cows **breed back better** because they have nutritional reserves to draw on during peak lactation.

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A properly formulated dry cow program allows the dairymen to "control" the nutrient intake of the cow. Calcium and phosphorus levels must be properly maintained and roughages should be checked for protein, energy, calcium and phosphorus.

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Pennfield customers receive "no charge" roughage testing at our laboratory located in Lancaster, Pa. Testing normally takes 5 working days.

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Livestock market and auction news

Hay Markets

New Holland Hay

New Holland Sales Stables
Monday, May 10
Report supplied by auction

113 loads.

Alfalfa 77.00-200.00; Alfalfa Mixed 91.00-199.00; Timothy hay 70.00-168.00; Clover 108.00-111.00; Clover Mixed 73.00-149.00; Straw 59.00-76.00; Ear Corn 87.00-102.00.

Good's Hay

Leola, Pa.
Wednesday, May 12
Report supplied by auction

86 loads.

Alfalfa 97.00-215.00; Mixed 69.00-190.00; Timothy 91.00-131.00; Straw 53.00-82.00; Corn one load at 62.00, others 76.00-95.00; two Corn Fodder 46.00 & 59.00; Oats 2.80 bu.

Frederick County Hay

Buckeystown, Md.
Thursday, May 13
Report supplied by auction

20 loads; market steady to weak.

Alfalfa 5 good 155.00-172.00, 1 fair 120.00; Timothy 2 good 110.00 & 125.00, 1 fair 75.00; Orchardgrass 2 good 86.00 & 101.00; Mixed 3 fair 53.00-75.00; 3 Wheat Straw 50.00-55.00; 1 Oat Straw 30.00; 2 Ear Corn 74.00 & 80.00.

Kiester's Hay

Middleburg, Pa.
Wednesday, May 12
Report supplied by auction

21 loads of Hay: Alfalfa 145.00-160.00; Mixed 97.00-134.00; Timothy 80.00-113.00.

5 loads of Straw: 47.00-49.00.

One load of Ear Corn: 81.00.

Regional Hay

Monday, May 10
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & straw slow, mostly steady.

Alfalfa 95.00-125.00; Mixed hay 80.00-90.00; Timothy hay 70.00-90.00; Straw 45.00-50.00; Mulch 40.00-45.00.

Green Dragon Hay

Ephrata, Pa.
Friday, May 7
Report supplied by PDA

47 Loads Hay and 8 Loads Straw.

Alfalfa 81 00-212, mostly 131.00-195; Mixed hay 80.00-178, mostly 108.00-146; Timothy hay, few 88.00-160.00; Clover, one load 158.00; Orchard Grass, one load 121.00; Straw 61.00-78.00; Ear Corn, 7 loads 79.00-92 00, Corn Fodder, one load 52.00.

Belleville Auction

Wednesday, May 5
Report supplied by PDA
Belleville, Pa.

32 Loads Hay and 3 Loads Straw.

Alfalfa, 90.00-142.50, individual 192.50; Mixed hay 60.50-140, mosity 80.00-125; Timothy hay 64.00-121, mostly 72.00-108; Straw 54.00-69.00.

New Wilmington Hay

N. Wilmington, Pa.
Friday, May 7

39 Loads Hay and 5 Loads Straw

Alfalfa, few 154.00-200.00; Mixed hay 125.00-151, few down to 70.00, some second cutting to 190.00; Timothy hay 112.00-151.00; Straw 75.00-80.00; Ear Corn, 6 loads 85.00-97.50; Oats, 2 loads 2.65 & 2.75 per bu.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, May 11
Report supplied by auction

10 loads of Hay: Alfalfa 120.00-160.00; Mixed 105.00-145.00.

Pa. Grain

Monday, May 10
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn uneven, mostly steady to 10 cents higher. Wheat uneven, mostly steady, instances 15 cents lower. Barley & Oats unevenly steady. Ear Corn steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.80-3.00, few reported down to -2.70, average 2.87, New Crop 2.65-2.77; Wheat No. 2 range 3.48-3.65, average 3.58, New Crop 3.10-3.34; Barley No. 2 range 2.10-2.35, average 2.23, New Crop 1.75-2.00; Oats No. 2 range 2.10-2.27, average 2.21; Soybeans No. 1 range 6.18-6.40, average 6.27, New Crop 6.15-6.25; Gr. Sorghum #2 range 2.15, average 2.15; Buckwheat New Crop 10.55; Ear Corn range 72.00-80.00, average 77.69.

Central Pa.

Corn No. 2-y range 2.65-2.85, average 2.77; Wheat No. 2 range 3.35-3.50, few reported 3.70, average 3.49; Barley No. 2 range 2.10-2.25, average 2.18; Oats No. 2 range 1.90-2.10, few reported 2.30, average 2.02; Gr. Sorghum #2 range 2.40, average 2.40; Ear Corn range 70.00-77.00, average 73.10.

South Central Pa.

Corn No. 2-y range 2.55-2.70, average 2.64; Wheat No. 2 range 3.20-3.25, average 3.23; Barley No. 3 range 2.20-2.30, average 2.23; Oats No. 2 range 2.10-2.25, average 2.18; Ear Corn range 70.00-80.00, average 73.50.

Western Pa.

Corn No. 2-y range 2.45-2.80, mostly 2.55-2.60, average 2.60; Wheat No. 2 range 3.20-3.30, average 3.23; Barley No. 3 range 2.10-2.25, average 2.18; Oats No. 2 range 2.00-2.10, average 2.06; Ear Corn range 68.00-71.00, average 69.50.

Southeastern Central & South Central Summary

Corn No. 2-y range 2.65-3.00, average 2.79; Wheat No. 2 range 3.25-3.65, average 3.52; Barley No. 3 range 2.10-2.30, average 2.21; Oats No. 2 range 1.90-2.30, average 2.11; Ear Corn range 70.00-80.00, average 75.13.

Westminster Livestock Auction

Westminster, Md.
Tuesday, May 4
Report supplied by auction

BUTCHER COWS: Lighter run, prices higher! High Yield 44.50-48.25; Standard & Utility 41.00-44.00; Canners 38.00-41.00; Shelly 39.00 Down. Bulls Several high yielding 56.00-59.50, Good 52.00-56.00; Med. 46.00-51.00; Steers No Choice offered. Good 62.00-65.00; Holsteins 55.00-59.00. Heifers One Prime 1285 lbs. at 69.75.

BUTCHER HOGS: $2.00 over last week. US #1&2 210-240 lbs. one lot to 56.50; 250-280 lbs. 53.00-54.00; 195-210 lbs. 53.00-54.00; one lot 352 lbs. at 46.00. Sows 200-370 lbs. 44.00-50.00; Boars Over 400 lbs. to 45.00. 300-400 lbs. 43.75-44.00.

VEAL CALVES: Larger run, Choice few 90.00-99.00; Good 80.00-90.00; Standard 65.00-80.00. Killers 80-100 lbs. 53.00-60.00; Weak & Rough 53.00 Down.

CALVES RETURNED TO FARM: $5 to $10 higher! Holstein Heifers 90-130 lbs. 70.00-84.00; Holstein Bulls 90-130 lbs. 65.00-99.00; Mainly 73.00-93.00; Beef Type 65-125 lbs. 70.00-87.00.

LAMBS: Few Choice 50-75 lbs. 73.00-81.00; Sheep, mainly 14.00-17.00, few to 20.00.

STOCK CATTLE: Steers steady, heifers $3.00 lower. Steers 300-500 lbs. Choice 66.00-72.00; Good 62.00-66.00; Med. 55.00-62.00; Few 500-800 lbs. Choice 61.00-64.00; Few 800-950 lbs. 58.00-65.00. Heifers 300-700 lbs. mainly 45.00-48.00, few to 53.00. Bulls 300-500 lbs Good 55.00-60.00.

PIGS AND SHOATS: Good demand. By the Head 15-30 lbs. 29.00-41.00; 30-60 lbs. few lots 29.00-39.00; By the Lb. 75-105 lbs. 50.00-57.00; 140-160 lbs. 46.00-48 00; Boars 170-240 lbs. 44.00-46.50.

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How to Cut a Leg of Lamb
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12:30 Sheep Sale
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— 10 Good Reasons —
1). We will receive your hogs from 7 A.M. to 9 P.M. every Monday.
2). There will be no commission or yardage fee deducted from your check.
3). We will accept your sows and boars.
4). Hogs are weighed right off the truck. (No shrinkage).
5). You may call our office Monday morn for the base price for hogs that day.
6). You have a choice to sell at auction also in the evening sale.
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FRIDAY, JUNE 11
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Validated Brucellosis Free Herd #169
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WE NOW HAVE BREEDING DATES
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Local Trucker Available.
No Hogs Sold On Commission
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R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer
NEXT SALE DATE JULY 9

Livestock market and auction news

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, May 11
Report supplied by PDA

CATTLE 170. Compared with last Tuesday's market, slaughter cows mostly $2 to $3.50 higher. Good & Choice holstein steers 60.00-63.25, one at 65.75, few Good 66.00-71.00, Standard 52.75-59.25, few Utility 45.75-49.75. One Choice slaughter heifers at 63.75, few Good 60.75-62 35, Standard 52.00-55.75, few Utility 44.50-45.50. Utility & Commercial slaughter cows 44.00-48.85, few 50.75, one at 53.00, Cutters 42.00-46.50, Canner & Low Cutter 40.25-43.75, few Shells down to 28.00. Few Standard slaughter bullocks 50.75-53.25, two Utility 43.85 and 48.35. Few Yield Grade #1 1460-1925 lbs. slaughter bulls 52.75-59.00.

CALVES 184. Vealers $5 to $10 higher. Choice vealers 102.00-110.00, Good 71.00-92.00, one at 105.00, Standard & Good 110-115 lbs. 70.00-77.00, 70-100 lbs. 60.00-70.00. Farm calves, holstein bulls 85-125 lbs. 67.00-103.00, mostly 83.00-100.00; few holstein heifers 90-115 lbs. 66.00-75.00.

HOGS 247. Barrows & gilts $1.75 to $2.25 higher. US No. 1-2 200-250 lbs. barrows & gilts 59.75-60.35, lot 60.75, No. 1-3 200-245 lbs. 59.25-59.85, No. 2-3 190-245 lbs. 58.00-59.25, lot 57.35, No. 1-3 140-185 lbs. 53.75-54.85. Sows $1 to $2 higher. Few US No. 1-3 280-450 lbs. sows 50.00-53.00, bulk 285-600 lbs. 53.00-58.50. Few Boars 46.00-48.75.

FEEDER PIGS 11. Lot US No. 1-3 65 lbs. feeder pigs 85.00 cwt.

SHEEP 9. Few Choice 70-90 lbs. spring slaughter lambs 73.00-74.00. Few Slaughter sheep 12.00-27.00

GOATS 3. Two at 27.00 per head, one at 74.00 per head.

Dewart Auction

Dewart, Pa.
Monday, May 10
Report supplied by PDA

CATTLE 312. Compared with last Monday's market, slaughter steers grading Good $3-$4 higher, Standard steady to $1 higher. Slaughter cows $2-$3.50 higher. Few Choice 2-4, 1000-1350 lbs. slaughter steers 71.50-74.25, Good 61.50-68.75, Standard 53.00-59 Few Prime slaughter heifers 72.00-73.00, Choice (few) 62.00-71 50, Good 55.50-60.50. Utility & Commercial slaughter cows 44-49 35, couple 53.50, Cutters 40-44.50, Canner & Low Cutters 36.75-40, Shells down to 30. Few Choice slaughter bullocks 59.50-63.25, few Good 55-60.50. Yield Grade #1, 1030-2150 lbs. slaughter bulls 48.75-54.85, individual 59.50. Large Frame #1, 550-750 lbs. feeder steers 60.00-69, #2, 4-650 lbs. 54.00-64. Large & Medium Frame #1, 350-600 lbs feeder heifers 55.00-65.

CALVES 147. Couple Prime vealers at 112.00, Choice 90.00-108.50, Good 75.00-85, Standard & Good 70-105 lbs. 66.00-73. Farm Calves: Hol. Bulls 90-120 lbs. 73.00-105, mostly 85.00-100.

HOGS 430. Barrows and gilts 50 cents-$1.25 higher. US No. 1-2 2-240 lbs. barrows and gilts 58.75-59.35, couple lots 60, No. 1-3 2-255 lbs 57.75-58.75, No. 2-3 240-290 lbs. 52.10-56.85, No. 1-3 160-195 lbs. 49.50-56. US No. 1-3 300-600 lbs sows 51.00-56. Few Boars 42.00-46.

FEEDER PIGS 167. US No. 1-3 15-20 lbs. feeder pigs 23-29.50 per head, No. 1-3 20-35 lbs. 29.50-40 per head, No. 1-3 40-60 lbs. 40.00-55 per head.

SHEEP 52. Choice 80-100 lbs spring slaughter lambs 65.00-80, couple 88.00, few Good 50-75 lbs. 58.00-65.00.

New Wilmington Auction

New Wilmington, Pa.
Monday, May 10
Report supplied by PDA

CATTLE 292. Compared with last Monday's market, slaughter cows mostly $1 higher. One Choice slaughter steer at 65.00, few Good 60.00-64.50, Standard 50.00-58.00, Utility 45.00-50.00. Few Choice slaughter heifers 60.00-60.50, Good 54.00-58.00, Standard 48.50-55.00, Utility 42.00-47.50. Utility & Commercial slaughter cows 43.00-48.00, one 49.75, Cutters 40.00-43.75, Canner and Low Cutter 35.00-40.50, Shells down to 28.00. Few Standard slaughter bullocks 48.00-52.00. Yield Grade #1 1050-2245 lbs slaughter bulls 50.00-54.25, few 56.00-58.50. Medium & Large Frame #1 320-700 lbs. feeder steers 50.00-57.50, Medium & Large Frame #2 330-485 lbs. 41.00-51.00, Medium & Large Frame #1 400-750 lbs. feeder heifers 49.00-57.00, Mediumm & Large Frame #2 300-495 lbs. 43.00-51.00; Medium & Large Frame #1 400-725 lbs feeder bulls 42.00-48.50.

CALVES 216. Vealers steady to strong. Few Prime vealers 110 00-111.00, Choice 90.00-102.50, Good 76.00-90.00, Standard & Good 90-110 lbs. 68.00-79.00, 65-85 lbs. 50.00-69.00, one lot Utility 55 lbs. at 47.00 Farm calves, holstein bulls 95-135 lbs. 75.00-89.00, holstein heifers 85-125 lbs. 74 00-90.00.

HOGS 632. Barrows & gilts 50 cents to $1 higher. US No. 1-2 210-240 lbs. barrows & gilts 58.50-59.10, No. 1-3 200-260 lbs. 57.00-58.60, No 2-3 205-265 lbs. 55.00-57.00, one lot No. 2-3 195 lbs. at 50.00, one lot no. 1-3 190 lbs. 56.00. Sows steady. US No. 1-3 300-665 lbs. sows 50.00-56.00, few No. 2-3 365-670 lb.s 42.00-48.50 Boars 44.00-49.50.

FEEDER PIGS 38. US No. 1-3 15-35 lbs. feeder pigs 20.00-30.00 per head, No. 1-3 40-50 lbs. 38.00-48.00 per head.

SHEEP 149. Choice 60-100 lbs. spring slaughter lambs 80.00-88.00, Good & Choice 25-50 lbs. 47.00-66.00 Slaughter ewes 5.00-18.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, May 11
Report supplied by auction

CATTLE: Steers· Choice 67.00-69.75; Good 63.50-65.75; Standard 57.60-60.00; Utility 44.25-48.00. Heifers: Good 53.25-56.25; Utility 41.50-42.75. Cows. 4.00 higher, Utility & Commercial 45.60-48.10, Cutter 41.00-44.85; Canner & Low Cutter 36.00-44.00. Shells down to 32.00. Bulls: Yield Grade No. 1. 53.85-54.50; Yield Grade No. 2 51.50-52.50.

FEEDERS: Steers: Good 300-435 lbs. 50.00-66.00; Medium 470-630 lbs. 50.00-54.00; Medium 650-705 lbs. 44.00-50.00. Heifers: Choice 215-320 lbs. 60.00-69.00; Medium 245-440 lbs. 47.00-53.00; Medium 495-520 lbs. 48.00-53.00. Good 600-700 lbs. 53.00-65.00. Bulls: Good 280 lbs. 57 00; Good 580-650 lbs. 57.00-63 50, Medium 625-765 lbs 47.00-51.00.

CALVES: Vealers Choice 75.00-90 00; Good 60 00-75 00, Standard & Good 50 00-65 00

FARM CALVES Hol Bulls 90 00-104.00

HOGS: US No 1-2 59.00-61 35, US No. 1-3 57.00-60 00; US No 2-3 55 25-57 00

SOWS. US No 1-3 52.50-55 00, No. 2-3 49.00-51 75.

BOARS 48 25-48 75

FEEDER PIGS US No 1-3 20-32 lbs. 29.00-49.00 Hd.; No 1-3 65-70 lbs. 56.00-59.00 Hd

LAMBS Choice up to 92.50 Good 73 00-75.00.

EWES 24.00-37.50

GOATS 23 00-46.00 Hd. Family 67 50

Sale Tues. 7:00 P.M
Misc Sale 4 15

Eighty-four Livestock Auction

Eighty-Four, Pa.
Monday, May 10
Report supplied by PDA

CATTLE 266: Compared with last Monday's market, slaughter cows 2.00-2 50, instances 3 00 higher. Couple Choice slaughter steers at 68 00, Good 62.50-67.00, Standard 55.00-63.00, Utility 48 00-54.00. Few Choice slaughter heifers 64.00-65.25, few Good 59.00-62 00, Utility 42.00-48.00. Utility & Commercial slaughter cows 44 00-48.00, few 49 50, Commercial No 4-5 43.00-47.00, Cutters 40.00-44 50, Canner & Low cutter 33.50-40.00, Shells down to 23.00 Yield Grade #1 1400-1950 lbs. slaughter bulls 50.00-55.00; yield grade #2 1300-1600 lbs. 44.00-48.00. Medium Frame #1 350-500 lbs. feeder steers 54 00-62.50; Medium Frame #1 300-550 lbs. feeder heifers 46.00-53.00.

CALVES 229: Vealers grading Good & Choice 2.00-3.00 higher, Standard & Good 5.00-8.00 higher One Prime vealer at 107.00, Choice 88.00-104.00, Good 77.00-89.00, Standard 68.00-77.50, Standard & Good 90-130 lbs. 65.00-73.00, 65-85 lbs. 55.00-67.00, few Utility 40-80 lbs. 25.00-40.00. Farm calves, hoslten bulls 90-130 lbs. 70 00-93.00; holstein heifers 65 00-95.00.

HOGS 106· Barrows and gilts 1.50-2 00 higher. US No. 1-2 200-250 lbs barrows & gilts 58 00-58 60, one lot 59 25, No 1-3 200-265 lbs 56 00-57 00, few No. 2-3 260-360 lbs 50 00-55.00, few No. 1-3 155-190 lbs 50 00-52.25 US No 1-3 350-500 lbs sows 52.00-55 00, No 2-3 400-500 lbs 48.00-50 00 Few Boars 39 00-41 00

FEEDER PIGS 10 One lot US No. 1-3 30 lbs. feeder pigs 32 50 per head

SHEEP 165 Spring slaughter lambs 2.00-3.00 lower Choice 67-100 lbs. spring slaughter lambs 77 50-82 50, few 85.00, Good 37-57 lbs 60.00-63 00, Good 60-80 lbs 69.50-75.00 Slaughter sheep 10 00-22.00

GOATS 11 8 00-18 00 per head

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, May 8
Report supplied by auction

FEEDER CATTLE Trend-Feeder Steers steady, Hfr steady, Bulls steady.

Steers. M&L-1 300-500 lbs 66 00-78 50; 500-700 lbs. 65 00-71 00, 700-1000 lbs 62 50-67 00; Holstein 300-1000 lbs 53 00-56 50 S-1&M&L-2 300-500 lbs. 60 00-66.00, 500-700 lbs 58 50-64 00.

Feeder Bulls M&L-1 300-500 lbs 62 00-68 00, 500-700 lbs 53.50-61 50, 700-1000 lbs 62.24-67.00 S1&M&L-2 300-500 lbs 48 50-56.00

Heifers. M&L-1 300-500 lbs 50.00-58.50; 500-700 lbs 52 50-57 50 S-1&M&L-2 300-500 lbs 45 00-52 00

Stock Cows Beef 375 00-535 00 Baby Calves 47.50-100 00

Slaughter Cattle. Trend Sl cows-2.00 higher Sl bulls steady Steers Good 2-4 62.75-65 50 Heifers Choice 2-4 57 50-60 50.

Slaughter Cows. Trend. Utility & Commercial 2-4 36 50-43 50, Canner & Cutters 1-3 25 00-37 00

Slaughter Bulls 1&2 44.00-53 50

Lambs: Trend: Spring lambs 1 50 higher. High Choice & Prime 73 00; Choice 74 75; Feeder Lambs Choice 70.00, Slaughter Ewes 15.50-18 00.

Hogs· US 1-3 200-240 lbs 57.75, Sows 1-3 49.00-58 50, Boars 42 00

Veal. Choice & Prime 68 00-85.00; Good 61.00-71 00

Slaughter Calves Good & Choice 55.00-63 00

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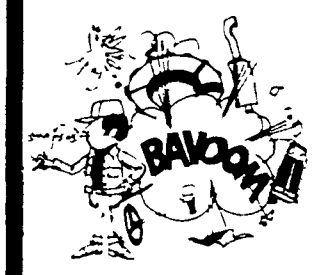

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

MAY 17-23, 1982

Cold enough to congeal a seal.

Circus time now. Nixon paid first U.S. presidential visit to Moscow May 22, 1972 . . New moon May 22 (Sat) Average length of days for the week, 14 hours, 46 minutes . Statue of Liberty arrived in New York May 17, 1885 . Connecticut set auto speed limit of 15 MPH May 21, 1901 . *Long-tongued people are generally short-handed*

Ask the Old Farmer: What is the meaning of the expression "start from scratch" and how did it originate? L B , Buffalo

It is said to have originated when a starter made a scratch in the ground to indicate the starting line in a foot race It probably dates from some centuries ago

Home Hints: Making a batch of biscuits to serve with a fried chicken? Add a couple of tablespoons of minced parsley and a couple of teaspoons of minced onion to a 2-cups-flour recipe for the biscuits

OLD FARMER'S WEATHER FORECAST

New England: Cold, with frost inland, all week, for weekend, clear and warm south, showers north

Greater New York-New Jersey: Very beginning of week brings light rain, cool temperatures, rest of week is cloudy, cool; then clear, hot

Middle Atlantic Coastal: Week begins with rain, cold wave, then clearing, turning hot

Piedmont & Southeast Coastal: Rainy and cold through midweek, a few showers, then clearing and warming, end of week.

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Four States Livestock

Hagerstown, Md.
Wednesday, May 5
Report supplied by auction

SLAUGHTER: Fed Steers Steady prices. Choice none offered; Good 59.00-65.00; Medium 58.00 Down. Heifers Good run of dry feds. Choice 62.00-66.00; Good 55.00-61.00; Medium 54.00 Down. Cows Very active, $1.00 higher. Individual 48.75. High Yield 44.00-45.75; Average 40.00-43.00; Big Middle 36.50-39.00; Fatty Herf. 35.00-38.00; Shelly 39.00 Down. Fat Bulls $2.00 higher. Good 52.00-55.75; Medium 48.00-51.00. Veal Calves $2.00 to $4.00 higher. Choice 95.00-99.00; Good 89.00-94.00; Medium 80.00-88.00; Farm Hfrs. to 75.00; Farm Bulls to 92.00; Light & Weak 53.00 Down. Lambs Few offered. Medium 43.00-50.00. Sows 400-650 lbs. 54.00-57.75; 300-390 lbs. 46.50-52.00.

STOCKER: Steers 300-550 lbs. Mostly steady prices. Choice 69.00-73.50; Good 62.00-68.00; Medium 56.00-61.00; Culls 55.00 Down. Steers 600-850 lbs. Choice 61.00-66.50; Good 55.00-60.00; Medium 54.00 Down. Heifers (All Weights) Choice 52.00-56.00; Good 46.00-51.00; Medium 45.00 Down. Bulls Choice 51.00-55.00; Good 46.00-50.00; Medium 45.00 Down. Dairy Cows to 750.00. Open Heifers 260.00-300.00. Pigs, Hd. Strong demand, higher prices. 20-30 lbs. 30.00-42.00; 40-60 lbs. 43.00-60.00. Shoats by Lb. to 52.00. Slaughter Hogs Very active, $2.50 higher. 210-230 lbs. 57.25-58.00; 240-260 lbs. 57.00-57.75; 190-205 lbs. 54.00-55.60; 265-300 lbs. 49.50-56.00.

Oklahoma Cattle

Thursday, May 13
Report supplied by USDA

Estimated Receipts	1400
Same Day Last Week	1059

Thursday's actual sale ring total 840. Not enough sales feeder cattle and calves to establish a market except few 600-850 lbs. Feeder steers steady to weak. Majority receipts Medium Frame 1 and Mixed 1-2 600-850 lbs. feeder steers.

FEEDER STEERS: Medium, few Large Frame 1 600-650 lbs. few 63.80-64.80; 700-900 lbs. 64.20-65.70. Small Frame 1, couple pkgs. 620-740 lbs. 63.60-63.70. Medium and Large Frame Mixed 1-2, few 400-500 lbs. 67.80-68.50; 600-725 lbs. 63.40-64.10. Large Frame 2 No. 2 holsteins, couple pkgs. 800-970 lbs. 54.30-54.90.

FEEDER HEIFERS: Medium Frame 1, few 615-770 lbs. 58.50-60.40. Medium and Large Frame Mixed 1-2 345-475 lbs. 57.40-58.25; 500-670 lbs. 55.00-58.25.

FOR THE WEEK: Compared to late last week, feeder steers closed 50c to 1.00 higher; heifers 1.00-2.00 higher. Slaughter cows 1.00-2.00 higher with Utility and Commercial 2-3 42.50-44.75; Cutters 1-3 38.00-41.75; Canners and Low-Cutters 33.00-38.25. Slaughter bulls closed 1.00-2.00 lower with YG 1-2 1150-1650 lbs. 46.50-54.00. Salable receipts this week near 20,200 head compared with 20,377 last week and 11,898 last year. Majority receipts or 93 percent of supply consisted of feeder cattle and calves; cows and bulls made up 7 percent of available supply.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, May 10
Report supplied by auction

Reported receipts of 196 calves, 103 cows, 26 bulls, 20 heifers, 10 steers, 68 hogs, 5 lambs, 30 sheep. Cattle market much higher; Calf market real good.

Holstein Hfr. Calves to 105.00; Veal Calves to 90.00; Bobs. 90-110 lbs. 85.00-106.00; Bobs, 80 and down lbs. 65.00-80.00; Grassers & Feeders 40.00-65.00; Lambs 50.00-58.00; Sheep 15.00-30.00; Hogs, 200-250 lbs. 50.00-58.50; Sows 46.00-56.50; Boars 35.00-41.00; Pigs 28.00-61.00; Heifers 44.50-52.00; Steers(Medium 46.00-50.00; Steers, feeder 45.00-56.00; Bulls 47.00-53.50; Cows, utility 43.00-47.25, Top 49.00; Cows, fat 39.00-46.00; Cows, medium 36.00-38.50; Cows, poor or small 32.00-36.00; Horses 350.00-585.00; Ponies 15.00-75.00; Goats 10.00-60.00.

St. Louis Sheep

Thursday, May 13

Wednesday's sheep auction. Receipts about 180 head. Spring slaughter lambs 2.00 higher. Limited tests on old crop slaughter lambs. Slaughter ewes steady to 1.00 higher than last week.

SPRING SLAUGHTER LAMBS: Choice and Prime 93-113 lbs. 73.00-75.00. Package 102 lbs. 75.50; package Choice 92 lbs. 70.00. Few spring feeder lambs, Choice and Fancy 63-75 lbs. 60.00-65.00.

SLAUGHTER EWES: Few Utility and Good Shorn 16.00-19.00. Culls 8.00-11.00.

BREEDING STOCK: Package of 2-3 year old breeding ewes 149 lbs. 29.50. Package of shorn aged ewes 160 lbs. 22.00. Few yearling bucks 16.00-19.00.

Sulfur helps put waste to use

COLLEGE PARK, Md. — Use of composted sewage sludge for production of such non-food crops as ornamental plants is gaining attention in agricultural research circles.

Nutrient rich, it is readily available and looks like milled pine bark.

Now horticulturists at the University of Maryland's Agricultural Experiment Station say it may be necessary to add a little sulfur to the sludge, especially for plants that grow best in acid soils, such as azaleas.

Their recipe calls for 3 kg of wet sulfur and 3 kg of granular sulfur per cubic meter of sludge.

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Calf Sale To Be Held Every Thursday At 3:30 P.M.
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Feeder Pig Show & Sale
MONDAY, MAY 17
Show: 4:00 P.M. Sale: 7:00 P.M.
To be held at the
Lancaster Stockyards
Shown and judged in PENS OF SIX: in following classes: 30 to 44 lb.
45 to 54 lb.
55 to 65 lb.
Trophy and $50.00 to Champion, Trophy and $40.00 to Reserve Champion entries, $30.00 to each first place; $20.00 to each second place; $10.00 to each third place; also ribbons to first five winners in each weight group.
Show and Sale open to all pig producers. All pigs must be farrowed on farm of exhibitor. No more than two pens of winners from each weight class for one exhibitor.
Entry fee of $2.00 per day to Lancaster County Swine Producers will be deducted along with regular commission charges for selling and tagging. All exhibitors will participate in .10 cent check-off program to N.P.P.C.
Sale open to all buyers 4-H and F.F.A. members may select individuals for their projects.
Pigs received from 12:00 noon to 4:00 P.M.
Judged at 4:00 P.M.
Sale at 7:00 P.M.
This event sponsored jointly by the Lancaster County Swine Producers Association and the Lancaster Livestock Exchange.

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Va. feeder cattle & feeder pig sales

Direct market reports provided by Va. Dept. of Agriculture in cooperation with USDA

Virginia Auction Summary

May 6-12
Report supplied by VDA

Total of Va. Weekly Auction Receipts: 5,584.

TREND: Steady to $2 00 higher.

Northern, Va.
Auction Summary
May 6-12

Auctions included: Fredericksburg, Front Royal, Rockingham, Charlottesville, Madison, Shen-Valley, Winchester, Staunton, Marshall and Orange.

STEERS: 300-500 lbs. Medium 1 64.50-78.50; Large 1 64.00-76.00; Small 1 57.00-68.00; 500-700 lbs. Medium 1 58.00-72.50; Large 1 62.25-74.00; Small 1 55.50-66.00; 700-1000 lbs. Medium 1 56.75-68.25; Large 1 61.00-68.50; Small 1 51.00-62.00.

HEIFERS: 300-500 lbs. Medium 1 48.50-60.00; Large 1 49.00-66.00; Small 1 43.00-56.00; 500-700 lbs. Medium 1 46.00-57.00; Large 1 52.00-66.00; Small 1 51.00-52.50; 700-900 lbs. Medium 1 46.00-57.25; Large 1 52.00-63.00.

Eastern Va.
Auction Summary
May 6-12

Auctions included: Richmond, Southampton, Smithfield, and Blackstone.

STEERS: 300-500 lbs. Medium 1 61.50-67.00; Large 1 61.75; Small 1 56.50-62.00; 500-700 lbs. Medium 1 59.00-63.25; Large 1 62.00-66.00; Small 1 51.75-59.25; 700-1000 lbs. Medium 1 59.00; Large 1 59.75-62.00.

HEIFERS: 300-500 lbs. Medium 1 46.50-55.00; Large 1 48.00-55.00; Small 1 42.00-50.00; 500-700 lbs. Medium 1 44.00-55.00; Large 1 46.00-53.25.

Western Va.
Auction Summary
May 6-12

Auctions included: Abingdon, Narrows, Tri-State, Lynchburg, Hollins and Galax.

STEERS: 300-500 lbs. Medium 1 62.00-63.00; Large 1 64.50-73.50; Small 1 56.00-67.00; 500-700 lbs. Medium 1 58.00-70.00; Large 1 62.00-69.00; Small 1 60.00-63.00; 700-1000 lbs. Medium 1 55.00-63.50; Large 1 60.25-62.90; Small 1 54.00-60.25.

HEIFERS: 300-500 lbs. Medium 1 52.00-59.00; Large 1 53.00-59.00; Large 1 45.00-54.00; 500-700 lbs. Medium 1 48.00-62.00; Large 1 53.00-58.50; Small 1 45.00-51.00; 700-900 lbs. Medium 1 43.00-55 25; Large 1 53.50.

Slaughter Cattle

Harrisonburg, Va.
Thursday, May 6

Receipts: 236.

Steers: Choice 900-1050 lbs. 68 25-69.50; Choice 1050-1280 lbs. 69.25-73.30; Good 1000-1200 lbs. 64 50-68.50.

Heifers: Choice 900-1100 lbs. 67.75-69.75; Good 850-1100 lbs. 59.90-62.50.

Holsteins: Good 1150-1300 lbs. 56.00-59.00.

Slaughter Cattle

Somserset, Va.
Friday, May 7

Receipts: 162 head.

Steers: Three loads mostly Choice 2-3 600-900 lbs. 117 10-117.25.

Heifers: Mostly Choice 2-3 500-750 lbs. 115 35

Slaughter Cattle

Madison, Va.
Saturday, May 8

Receipts: 219.

Steers· Choice 2-3 1050-1250 lbs 71.00-74.35, Choice 3-4 1000-1300 lbs 71.75-73.75; Good 2-3 1000-1200 lbs 66.00-69.50

Holsteins: Good 1-3 1100-1500 lbs 62.50.

Heifers: Choice 2-3 800-900 lbs 64.00-66.25; Choice 2-3 900-1100 lbs. 66.00-69.25, Good 2-3 850-1100 lbs 63.25-66.50

Feeder Pigs

Harrisonburg, Va.
Tuesday, May 11

FEEDER PIGS· Receipts. 1585.

US 1 & 2 30-39 lbs. 145.00-155 00; 40-49 lbs. 129.00; 50-59 lbs 120.00-123.00; 60-69 lbs. 105.00; 70-84 lbs 95.50; 85-110 lbs 72.00.

US 3. 30-39 lbs 150 00, 40-49 lbs 130.00-132.00; 50-59 lbs. 110.00, 60-69 lbs. 105.00; 70-84 lbs. 80 00; 85-110 lbs. 76 00.

UTILITY & 4. 30-39 lbs. 110 00, 40-49 lbs. 97 00; 60-69 lbs 87 00

Feeder Pigs

Blackstone, Va.
Monday, May 10

FEEDER PIGS· Receipts 268

US 1 & 2: 30-39 lbs. 138.00; 40-49 lbs 128 00; 50-59 lbs. 109.00; 60-69 lbs. 92.00; 70-84 lbs 80 00

US 3. 30-39 lbs. 110 00; 40-49 lbs 116 00; 50-59 lbs. 95.00; 60-69 lbs 84 00; 70-84 lbs. 79.00.

UTILITY & 4: 30-39 lbs. 75 00; 40-49 lbs. 76 00; 60-69 lbs. 65.00.

Feeder Pigs

Farmville, Va.
Thursday, May 6

FEEDER PIGS: Receipts 729.

US 1 & 2: 30-39 lbs. 146 00; 40-49 lbs 131.00-136.00; 50-59 lbs. 113.00-116.50; 60-69 lbs. 99.00, 70-84 lbs. 88.00; 85-99 lbs 74.00.

US 3· 30-39 lbs. 138 00; 40-49 lbs. 125.00; 50-59 lbs. 100.00, 60-69 lbs. 97.00, 70-84 lbs 86.00.

UTILITY & 4· 30-39 lbs 109 00; 50-59 lbs. 84 00

Computer Lamb Sale

Dublin, Va.

Receipts. 317.

Choice and Prime 95-125 lbs. spring lambs 72 25-73 50; Choice 85-125 lbs. spring lambs 69 25-76 00, Choice and Prime 95-125 lbs wool lambs 69.25-70.50; Choice 85-125 lbs. wool lambs 66.25-67.50

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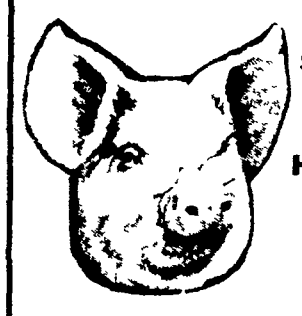
1982



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Off the Sounding Board

By Sheila Miller, Editor

Time to cooperate

We must admit, we're prejudiced

We're prejudiced about soil stewardship and soil conservation, and can't believe that there are still those farmers who can't understand the value of this natural resource.

We can't see how a certain farmer we'll call Sam the Skeptic can farm the same field year after year, winding up with gullies almost a foot deep by fall, and come around the following spring and plow the whole field again — smoothing up and filling in the ditches as best he can only to have the ditches wash out again

The reason this farmer's stubborn resistance to the conservation message is so appalling is that this particular field is located close to a high school where future farmers are learning the principles of agriculture.

After these students leave the classroom where they've learned the benefits of crop rotations and strip cropping systems, they board a school bus and drive past one of the worst examples of field crop management this farmer could possibly set.

Not only do the students drive by and see this annual ritual of erosion, but other farmers and nonfarmers can watch every inch of topsoil as it's carved out by spring and summer rains. They also can get a big chuckle as they watch the farmer bounce a foot off the tractor seat in the fall as the combine crosses the 'baby grand canyon.'

Now we're not trying to pick on just this one farmer, for we know there are countless others whose erosion abuses would match or surpass his. But, it points out to us just how much soil stewardship and sound cropping practices are in the public eye

As the National Association of Conservation Districts points out, soil stewardship is a national concern:

"There was a time, in the early history of our country, when it could be said that stewardship of resources was a personal matter for a major part of the population People lived under their own 'vines and fig trees,' as it were, and each was responsible for his or her holdings. The role of government in those days when the population was widely dispersed, was small and the restraints were few.

"Those who farmed carelessly on the steep hillsides might destroy their soil and waste their own resources. Their actions were not regarded as significant to society as a whole. After all, land was plentiful and new fields could be cleared when old fields were eroded.

"With the growth of population and the world demand for food and with the clearing and development of most land that is suitable for cultivation, we must turn our attention to the task of saving every acre.

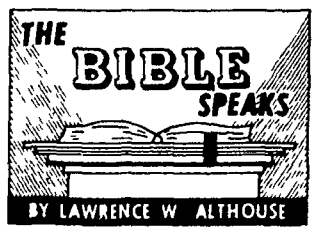
"Now it must be understood that the obligation of stewardship, which once rested on the individual, has been broadened to include all of us Erosion, once regarded as a 'private' matter, has become a subject for national concern."

We know that farming with soil conservation in mind may not be the most economical or convenient farming practice in the short term, but it's essential to ensure there will be soil to farm in the long term. If farmers don't voluntarily see the light of conservation and soil stewardship, the public may assert their opinion and demand a curtailment of man-made erosion.

In observing Soil Stewardship Week, May 16-23, we must agree with NACD that now is the time for cooperation.

"The task before us is so great and the time for its accomplishment is so short that we cannot afford to waste effort in emphasizing our differences. Those who would exercise an effective stewardship over God's resources are seeking a common goal. Their difference over details deserve to be discussed with open minds and with the objective of seeking a common ground.

"The threat to the future welfare of the human race originates with the uninformed, the careless, and those who seek immediate gratification at the expense of long-range benefits. If there are those among us who have a genuine interest in the wise management of our soil, our water, and the human habitat, they deserve our fullest cooperation, for we are traveling the same road and all are seeking the same goals."



THE COST OF WHITE ROBES
May 16, 1982

Background Scripture:
Revelation 6 through 7
Devotional Reading:
1 Peter 1:3-9

My son, Todd, called me yesterday from work to tell me that **A Man For All Seasons** would be "the late movie" for last evening. Inasmuch as I had already seen the stage play on Broadway and the motion picture at least twice, I had not the slighest intention of staying up to see it again, for I am no longer a "late nighter."

Nevertheless, I did just that. Intending to watch the first few minutes, I quickly found myself engrossed in the depiction of Sir Thomas More and his Christian martyrdom. Once again I watched the story of this gifted man who neither sought to be a hero nor a martyr and eventually personified both. Again I was struck with the timeliness of his dilemma, for he was not challenged to give up his Christian faith, but simly to compromise a little.

OPENING THE SEALS

In the drama we see him struggling to maintain both his integrity and his relationship with King Henry VIII, whom he served as Chancellor. All he would need to do, as family, friends and foe alike reminded him, was to agree with the King's plan to terminate his marriage with Queen Catherine. Many were claiming that the marriage had never been legal in the first place, let alone moral. According to the drama, More desperately wanted to accomodate himself to this demand. In time, however, it becomes obvious that he simply cannot without forfeiting his very soul.

The most poignant scene is that when his family is allowed to visit him in prison, all knowing that, unless he relents, it will be the last time they will see each other. They demand, they plead: **You've proven your point, Thomas More; we've all suffered enough; sign the king's paper and come home to us!** With all his heart, More wants to give in to them, wants to survive. But he cannot. God speaks to him more loudly and clearly then even those whom he loves.

So, on a warm July morning in 1535, Sir Thomas More, a kindly yet determined Christian man, was executed in the Tower of London and thus earned his white robe.

"WHO ARE THESE IN WHITE?"

In John's great revelation he saw an immeasurable multitude who stood before the Lamb "clothed in white robes." "Who are these, clothed in white robes, and whence have they come?" John is asked in his vision. And the answer that is given for him: "These are they who have come out of the great tribulation; they have washed their robes and made them in white in the blood of the Lamb" (7:13,14).

None of us are likely to be called to martrydom for our faith today, but, like Sir Thomas More, we may be challenged to remain loyal to Christ at the price of some personal cost, be it great or small. Like him, we may not feel cut-out to be heros or martyrs, but, as he did, we are called to remain loyal to Christ and pay the price of our hoped-for white robes.

OUR READERS WRITE, AND OTHER OPINIONS

Are we good stewards

The week of May 16 to 23, 1982 has been set aside as 'Stewardship Week'.

It is to call attention to our need to use wisely the natural resources which our Father has given us in trust to not abuse, destroy, or squander — only loaned us for our lifetime.

Will they be passed on to future generations in as good condition as we received them?

This is not only a responsibility of individuals who directly use a natural resource but an obligation of all of us every day of the year. Erosion, pollution of our streams, waste of fertilizers, and other elements are not private or individual problems but yours and mine and the nation's concern.

Our presidents, governors and community officials issue proclamations calling attention to the problems but leadership at all levels is essential. Clergy and teachers of religious groups are offered reference material for 'Stewardship Week' each spring through county conservation district — material that can be used for sermons or talks at any time of the year.

This year's theme, "A Time for Tenacity," is explained in a 16-page, 4 color soil stewardship reference booklet. A litany is also

(Turn to Page A12)

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Check Weevil In Alfalfa

We are right into the decision making period for alfalfa weevil control. The question comes up, should I spray or cut it? This depends on the degree of damage and just how far your alfalfa is along. If your stand is getting along in maturity, then it would pay you to cut it early. If you decide to spray, then it should be applied only when 60 to 70 percent of the plants show slight feeding damage at the tips. In most cases, spray application will not be necessary. The economic threshold line based on the loss of 1/10 ton of alfalfa hay per acre. At $100 per ton of hay, a loss of 1/10 ton equals $10. If the cost of spraying is 9.50-10.00 per acre, you are at the break-even level.

The two major problems with spraying is the physical damage by running the tractor over the growing plants, and secondly, the tolerance time from the time of application until the residue is "off" the plants. Be sure to read the label for the tolerance periods for the different chemicals and follow the directions.

To Control Flies

Flies are a continual problem to keep under control in most poultry laying houses. Well, we received some good news this week. Our egg producers have been granted an emergency exemption from the State Department of Agriculture to use the insecticide Larvadex to control fly problems in their poultry houses.

Considerable research has been conducted over the past several years on this feed through pesticide. All tests have shown it to be a very safe and effective fly control material. It is expected that Larvadex may soon receive full registration from the Environmental Protection Agency.

To Check Farm Ponds

Many farm ponds are showing both algae and weed infestation build-up and as the weather gets warmer, these pond plants will begin to grow. Permits are needed in order for the owner to use the proper material, and to protect livestock downstream from the pond. Before any ponds are treated in Pennsylvania with any chemical or fertilizer, the owner should get a permit from the Pennsylvania Fish Commission. Application for the permit is available from the Pennsylvania Waterways Patrol Office or from our Penn State Extension Office.

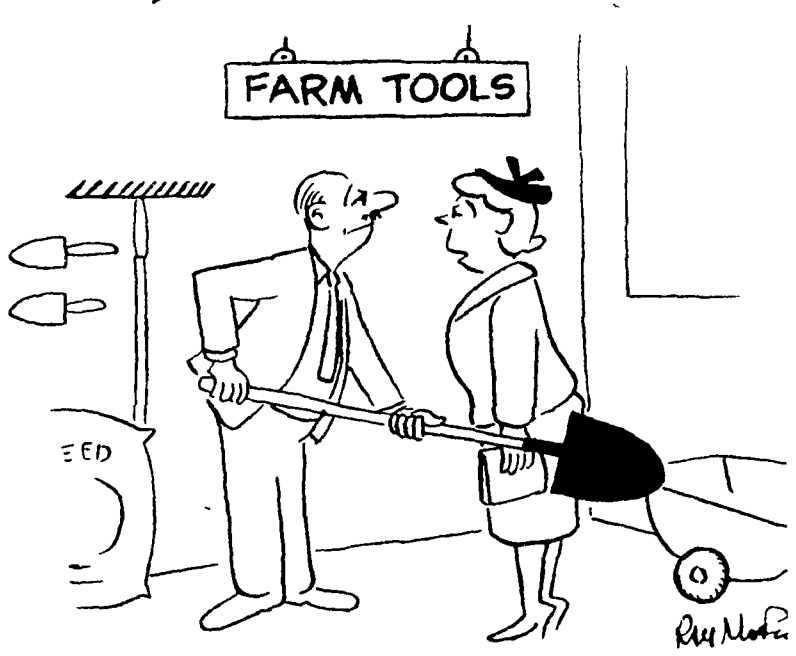
To Be Prepared to Identify Swine

The new Pennsylvania swine health rules become effective May 19, according to the Pennsylvania Department of Agriculture. The rules require that feeder pigs, market hogs and breeding swine be identified with a herd number that is registred with the Department. Identification can be in the form of an ear tatoo, back slap tatoo, ear tag or other methods approved by the Department.

Application forms for herd

(Turn to Page A12)

HAY HAWS



"Do you have one with a motor?"

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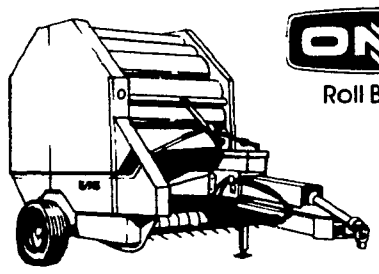
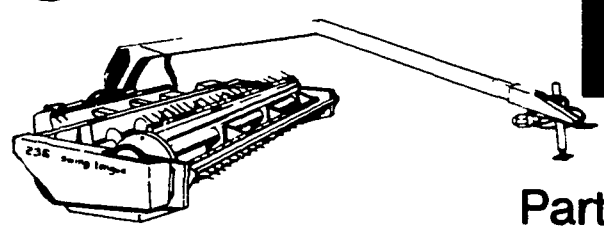
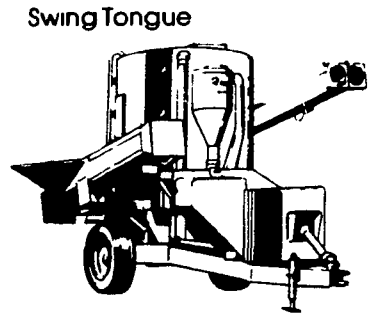


OMC Roll Baler



OMC Swing Tongue



OMC Mixer Mill

mustang Skid Loader

To thank you for your business, we're offering

10% off

on all parts and service.

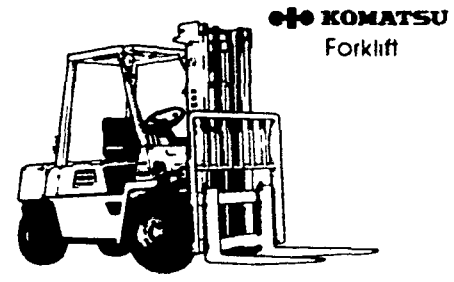
Parts must be purchased and paid for during the week of May 17th. Service must be scheduled and completed during the period May 17 through 31.

NOTE! Many manufacturers have special financing now in effect. See us for details.

And, even if you're not in the market for equipment or service, you're all invited to the

Power Pro Lewistown Open House

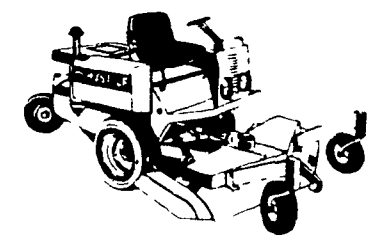
Friday, May 21st from 9 till 9.



KOMATSU Forklift

PETTIBONE Log Handling Equipment

OMC Articulated Loader



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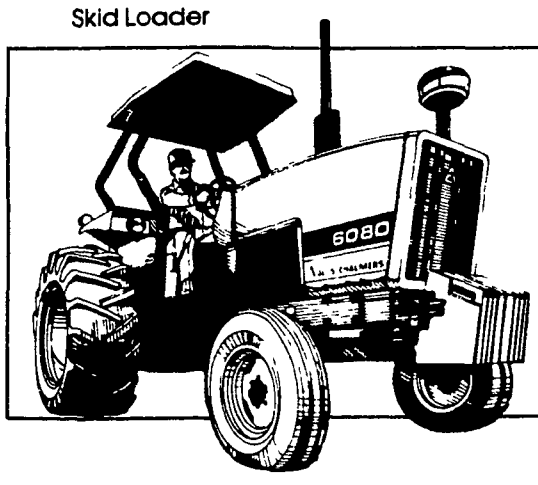

Plus, we're pleased to announce that Allis-Chalmers has appointed Power Pro as their authorized dealer in Juniata and Mifflin Counties.

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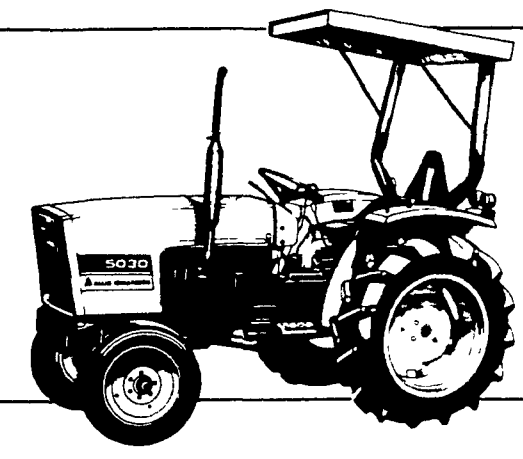

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See you on the 21st!

OUR READERS WRITE,
AND OTHER OPINIONS

(Continued from Page A10)

available. Here are some quotes and Biblical references taken from the booklet:

"Our faith must stretch further into the future than a cycle of the season. We believe that the fertility of the good earth can and must be preserved for the benefit of future generations, but the task can be accomplished only if, by faith, we pursue those policies and practices that have demonstrated their effectiveness." (Hebrews 11:1-2)

"Our task, as custodians of God's creation and stewards of His resources, is to manage the assets that have been committed to our care so that they will produce the greatest good in the eternal scheme of things." (Ecclesiastes 3:1,2,6)

"Culture deteriorates from diminution of high principle; correspondingly, it declines under the stress of hunger or inadequate shelter. The six inch crust of topsoil contains the raw materials for adequate production of food and fibre, but if it is mismanaged and permitted to erode, the tragic results will be a weakening of our culture and a challenge to our spiritual commitment". (Philippians 4:8)

"The 'Faithful Messenger' mentioned in Proverbs 25:13 must convey the information that the food does not somehow originate magically in the supermarkets to be exchanged for the currency of those who work at jobs that seem far removed from the fertile fields. It is formed in the green leaves of plants by the process of photosynthesis and no matter how it may be altered as it passes through the food chain, and the processing and distributing systems its source is the soil".

"The task before us is so great and the time for its accomplishment is so short that we cannot afford to waste effort in emphasizing our differences. Those who would exercise an effective stewardship over God's resources are seeking a common goal." (Romans 8:28)

"Those who are dedicated to wise stewardship over the resources of the good earth hold tenaciously to the concept that 'the earth is the Lord's, and the fullness thereof, the world and they that dwell therein. This concept is not for a span of a year or a generation. The dream of adequate supplies of food and shelter must cover a period that extends far into the future, because this is the only world we have and the total heritage of our decendents." (Proverbs 16:3)

We can preserve brick, concrete, antique, but only (green) soil, air, water, natural resources sustain and produce.

Robert K. Mowrer
Director for Lancaster
County Conservation
District

Generally, the technology for controlling erosion is relatively simple. In a democratic country where the land is privately owned and conservation programs are voluntary, the implementation and rate of application of this technology are complicated and slow. However, the establishment of conservation practices on cropland through voluntary efforts over the last 40 years is producing on estimated reduction of erosion amounting to one billion tons annually.

Misunderstanding

There is a misunderstanding of Dairylea's support of the Pennsylvania referendum.

On March 16 a letter was mailed to all Dairylea Pennsylvania members explaining the proposed Pennsylvania referendum on milk advertising and nutrition education. Included with the letter was a self-addressed postcard to provide an opportunity for members to indicate their position pro or con on the proposed program.

Such a poll is required by Pennsylvania State cooperative law. This law also specifies that results of the poll must be made known to a cooperative's members and their members must be notified whether or not the cooperative intends to bloc vote on the marketing development program.

This is to notify you that the poll of Dairylea Pennsylvania members with more than half of those polled responding was two to one in opposition to the proposed advertising program.

In the face of this expressed opinion of our members, Dairylea's Board will not bloc vote in the referendum.

The Secretary of Agriculture of Pennsylvania will send ballots to all Pennsylvania dairy farmers. Dairylea members are urged to use this ballot to express their individual opinions in the referendum.

The Board urges all Dairylea members to carefully consider the long-term effects of a negative vote on this matter. Surely, there is a great need at the present time to stimulate sales of all dairy products. If this referendum does not succeed, it will be a long time before any new efforts are made to install a Pennsylvania advertising and nutrition education state-wide program.

Such a program exists throughout most of the Northeast and at the present time more than 90 percent of Dairylea members are contributing to one program or another.

Clyde E. Rutherford,
President

Learn "Dutch"

UNIVERSITY PARK — The Penn State Press has announced the publication of a book that will answer all the lingual questions for folks who have always wanted to learn how to speak Pennsylvania "Dutch."

Entitled "A Pennsylvania German Reader and Grammar," this hard-bound book written by Earl C. Haag presents the sometimes difficult language so that even the least "Dutchified" person can learn Deitsch.

Haag takes the reader through the language-learning process by presenting the Pennsylvania Dutch words in story-form on one page, and their English translation on the facing page. His topics range from school to house, farm, and town, along with dates, weather, parts of the body, and clothing.

Not only does Haag show you the spelling of the Pennsylvania Dutch words (which he admits may be written differently depending on the dialect of Dutch that's spoken), but he spells out how these words are pronounced and used grammatically in conversation.

Pennsylvania Dutch or German is the language of Pennsylvania's early settlers who were brought from the Rhine Valley in Germany to the new world by William Penn. Teaching and studying this language has been the career of Earl Haag who is a Penn State professor at the Schuylkill Campus. His interest in Pennsylvania German developed while doing graduate study at Penn State and at Heidelberg University, Germany.

This book, which presents the difficult language in an understandable format, will be available after June 14 from The Pennsylvania State University Press, 215 Wagner Building, University Park, PA 16802. The cost of the hardbound edition is $12.95

Franklin farmers plan for conservation

CHAMBERSBURG — If you are a farmer, you know that your farm is different from your neighbor's, states John Akers, district conservationist with the Chambersburg office of the U.S. Soil Conservation Service.

"Your soils are probably different. Your choice of crops, livestock, equipment and management plan will also differ. And these factors also influence the amount of erosion and surface water losses that takes place," he explains.

"There is one way, however, that all landusers are probably alike, "claims Akers. They make plans. Plans to manage, plans to improve, and plans to protect are all done to some degree by each farmer."

When it comes to protecting your natural resources, conservation planning is the key to success. Many Franklin County landusers now have detailed plans for their land, Akers reports.

The Soil Conservation Service has recently assisted the following to develop conservation plans: J.T. Miller and L.T. Coble, Montgomery Township; Peckman Homestead Farm, St. Thomas Township; James King, Sr., Antrim Township; Harry Eyer, James Kiskaddon, Ralph Gipe, and Robert Cressy, Lurgan Township; Charles Swailes and Matthew Felmlee, Metal Township; Robert Bailor, Fannett Township; Ronald Swope, Quincy Township; William Reynolds, Washington Township; Clifford Gayman, Greene Township; and Paul Swartz, Letterkenny Township.

Landowners desiring conservation planning assistance may contact any U.S. Soil Conservation Service office.

Now is the Time

(Continued from Page A10)

identification numbers can be obtained from regional offices of the Pennsylvania Department of Agriuclture, or from local Extension Offices. Additional information may be obtained by calling the Bureau of Animal Industry, telephone 717-783-5301.

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PIONEER®
SEEDS and INOCULANTS

Livestock market and auction news

St. Louis Cattle

Thursday, May 13
Report supplied by USDA

Receipts this week:	5,200
Week Ago:	4,700
Year Ago:	4,700

Compared with last weeks close, slaughter steers uneven, generally steady. Slaughter heifers firm to .50 higher. Cows mostly 1.00, instances 2.00 higher on boning utility. Bulls mostly 1.50 higher. Slaughter supply mainly Choice and Choice and Prime 1050-1200 lbs. steers, around 35% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 69.50-73.00, part load early 74.00, closing 69.50-71.00. Choice 2-4 950-1275 lbs. 67.50-72.00, closing sales 67.50-69.50, several 68.00-69.50. Mixed Good and Choice 2-4 900-1225 lbs. 67.00-71.00. Good 2-3 900-1175 lbs. 65.00-69.00. Mostly Good 2-3 1050-1300 lbs. holsteins 56.00-65.00.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 875-1075 lbs. 68.00-70.00, part load early 70.50, closing sales 68.00-69.00. Few part loads high-Choice and Prime 2-4 1050-1100 lbs. 69.00-70.00 late. Choice 2-4 850-1050 lbs. 66.00-69.50, closing week sales 66.00-68.00. Mixed Good and Choice 2-3 800-1000 lbs. 64.00-68.00. Good 2-3 750-975 lbs. 61.00-66.00.

COWS: Closing week sales: Utility and Commercial 2-4 40.00-44.00. Boning Utility 1-2 44.00-46.00. Few High-Yielding Utility 46.00-47.00. Cutter 1-2 39.00-43.00. Canner and Low Cutter 1-2 34.00-39.00.

BULLS: Yield Grade 1-2 1050-1800 lbs. 48.00-54.00, closing sales 48.00-53.00. Yield Grade 1 1300-1700 lbs. 54.00-55.00 early, not tested late.

FEEDERS: (Including around 1,600 at the regular Thursday auction.) Feeder steers and heifers firm to 1.00 higher. Supply mainly Medium Frame 1 300-800 lbs. steers and 300-700 lbs. heifers. Overall quality improved over previous weeks.

STEERS: Medium Frame 1: 300-600 lbs. 67.00-71.50; 600-900 lbs. 64.00-68.00. Medium Frame 1-2: 300-700 lbs. 62.00-67.50. Large Frame 2 Holsteins: 475-650 lbs. 55.00-57.75.

FEEDER HEIFERS: Medium Frame 1: 300-700 lbs. 58.00-61.50. Medium Frame 1-2: 300-700 lbs. 55.00-58.00.

Omaha Cattle

Thursday, May 13
Report supplied by USDA

Weekly 51 Cattle - through midweek Slaughter Steers and Heifers 1.50-2.00 higher. Cows steady to .50 higher, advance on Utility and Commercial. Bulls steady.

Fed cattle prices advanced for the sixth consecutive week under a good demand from most interests. Aside from Monday, overall finish was ordinary, with many cattle falling into the top good to average choice range. This is a direct result of a willingness by Feeders to market cattle as soon as is practical. Some erosion present in dressed beef trade at midweek was not reflected in live price levels, as available Wednesday supply moderate and some buyers forced to fill immediate slaughter needs.

Steers made up 51 pct. of the week's receipts; Heifers 33 pct.; Cows 8 pct.; Feeders 6 pct. four day receipts 12145; last week 11384; year ago 13542.

STEERS: Earlier in week load Choice 2-3 1245 lbs. 75.25. At the close load Choice and Prime mostly 3 1275 lbs. 75.00. Choice 2-4 1075-1275 lbs. 73.00-73.75, few loads 74.00-74.50. Mixed Good and Choice 2-3 1000-1200 lbs. 71.50-73.00. Few Good 68.00-71.50. Through the week, mixed Good and Choice 2-3 1200-1350 lb. Holsteins 64.00-65.75.

HEIFERS: At the close, several part loads Choice, few Prime mostly 3 1000-1050 lbs. 72.00 Load same grade 1000 lbs 71.75. Scattered loads and packages Choice 2-4 950-1075 lbs. 70 00-71.25, few 71 50 Mixed Good and Choice 2-3 900-1025 lbs. 69.00-70.00. Good 64.00-69 00.

Average of LS 214 detailed quotations for Choice 900-1100 lbs Steers 72.30, 1100-1300 lbs. 73.95. Average cost Steers 72.90 average weight 1136 lbs., as compared 70.20 and 1150 lbs a week ago Average cost Heifers 69.61, average weight 1005 lbs as compared 67.56 and 1006 lbs. a week ago.

COWS· High Cutter, Utility and Commercial 1-3 41.50-44.00 Cutter 38.50-41.50. Canner and low Cutter 34.00-38.50.

BULLS. 1-2 1100-1800 lbs 48 00-51 00, individual 1 55 00.

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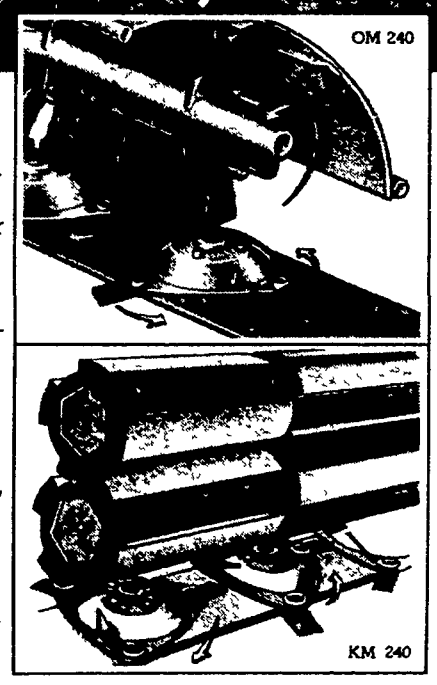

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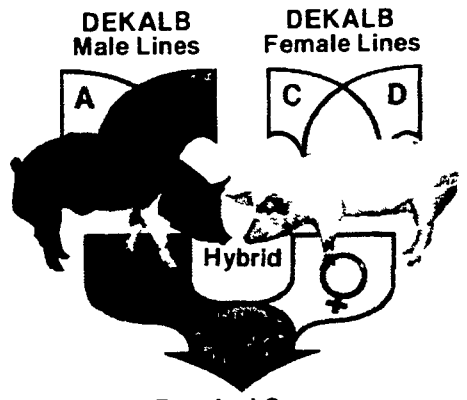

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Livestock market and auction news

Morrison Cove Livestock Auction

Martinsburg, Pa.
Monday, May 10
Report supplied by Auction

CATTLE 278: High Choice & Prime slaughter steers 73.50-75.10, Choice 71.25-73.10, Good 68.25-71.00, Standard 61.50-66.25, Utility 51.50-58.75. Choice slaughter heifers 68.50-71.10, Good 64.50-67.50, Standard 56.50-61.25, Utility 45.50-53.75. Utility & Commercial slaughter cows 46.50-53.75, Cutters 42.25-45.75, Canner & Low Cutters 36.50-41.25, Shells down to 32.50. Choice slaughter bullocks 60.50-61.75, Good 57.50-60.25, Standard 52.50-56.50, Utility 47.50-51.25. Yield Grade #1, slaughter bulls 54.50-56.75, #2, 48.50-53.75. Choice feeder steers 64.50-68.50, Good 60.25-62.50, Medium 48.50-56.50. Good feeder heifers 58.50-60.25, Medium 46.50-52.50. Good feeder bulls 56.50-60.50, Medium 47.50-52.50.

CALVES 264: Prime vealers 92.50-100.50, choice 87.50-91.50, Good 76.50-82.50, Standard & Good 110-130 lbs. 68.50-73.50, 90-110 lbs. 63.50-68.50, 70-90 lbs. 61.00-62.50. Farm Calves: Hol. Bulls 90-130 lbs. 82.50-113.50; Hol. Heifers 90-130 lbs. 82.50-137.50.

HOGS 345: US No. 1-2 200-240 lbs. barrows and gilts 59.25-60.75, No. 1-3 200-240 lbs. 58.25-59.75, No. 2-3 200-250 lbs. 57.25-58.10, No. 2-4 200-250 lbs. 55.25-57.25. US No. 1-3 sows 54.50-56.75, No. 2-3 44.50-52.25. Boars 44.50-48.50.

FEEDER PIGS 28: US No. 1-3 25-40 lbs. feeder pigs 28.00-43.50 per head, No. 1-3 40-60 lbs. 43.50-48.50 per head.

SHEEP 4: Individual Choice spring slaughter lamb at 80.25. Slaughter ewes 16.50-20.50.

New Holland Horse

Monday, May 10
New Holland Sales Stables
Report supplied by auction

Reported receipts of 273 head of horses, mules, and ponies. Market: steady.

Work horses 950.00-1375.00; Better horses 575.00-900.00; Driving horses 375.00-900.00; Riding horses 400.00-525.00; Lightweight killers 375.00-500.00; Heavyweight killers 550.00-765.00; Mare Ponies 45.00-150.00; Pony Colts 15.00-55.00; Geldings 45.00-150.00; Larger ponies 200.00-300.00.

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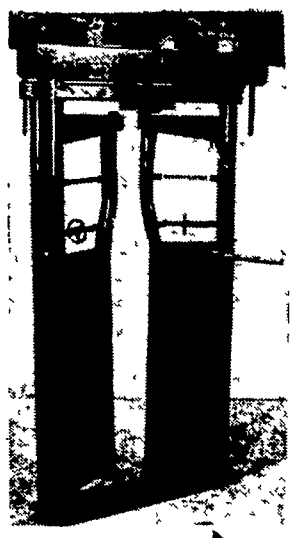

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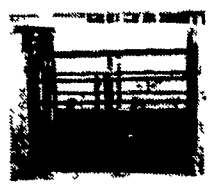

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Livestock market and auction news

Middleburg Auction

Middleburg, Pa.
Tuesday, May 11
Report supplied by PDA

CATTLE 293. Compared with last Tuesday's market, slaughter steers; Few High Choice and Prime 76-78.85, Choice 975-1450 lbs. (2-4) 70.50-75.00, Good 62.50-68.75, Standard 55.00-60.50. Couple Prime slaughter heifers 73.85 & 76.35, few Choice 68.75-70.85. Utility and Commercial slaughter cows 42.75-47.35, few 52.25, Cutters 40.00-43, Canner and Low Cutters 36.75-40.50, Shells down to 32.35. Few Good slaughter bullocks 57.00-62, few Standard 54.00-55. Yield Grade #1, 1030-1680 lbs. slaughter bulls 50.50-55.85, one 61.85. Medium Frame #1, 300-500 lbs. feeder steers 56.00-62, Large #2, 450-650 lbs. 48-55.50. Medium Frame #1, 400-700 lbs. feeder heifers 45.00-54.

CALVES 155. Choice vealers 85.00-105, few Good 75.00-85, Standard & Good 70-100 lbs. 62.00-71. Farm Calves: Hol. Bulls 90-125 lbs. 80.00-103; Hol. Heifers 80-120 lbs. 71.00-100.00.

HOGS 572. (5-10-82). US No. 1-2 210-235 lbs. barrows and gilts 59.50-61, No. 1-3 190-250 lbs. 58.85-59.50, No. 2-3 190-270 lbs. 55.25-58.50. US No. 1-3 3-635 lbs. sows 50-56.25, No. 2-3 3-450 lbs. 48.00-50. (5-11-82).

HOGS: 70. US No. 1-3 220-260 lbs. barrows and gilts 58.60-59.25. Boars 46.75-50.

FEEDER PIGS 204. US No. 1-3 20-35 lbs. feeder pigs 33.00-45 per head, No. 1-3 35-50 lbs. 45.00-55, No. 1-3 50-65 lbs. 55.00-63 per head.

SHEEP 41. Choice 35-60 lbs. spring slaughter lambs 70.00-83. Utility and Good 55-80 lbs. feeders 40.00-50. Slaughter ewes 17.00-30.

GOATS 23: Large 22.00-54 per head, Kids 13.00-23 per head.

Peoria Cattle

Thursday, May 13
Report supplied by USDA

Compared to last week Slaughter Steers finished .50-1.00 higher. Heifers steady to 2.00 higher with the full advance noted on 950-1050 lbs. High Choice and Prime. Cows and Bulls steady, instances 1.00 higher. Trade opened the week active on Slaughter Steers and Heifers, but by midweek trading turned slow due to the downward pressure noted on the wholesale beef trade, increased F.I.S. and more available salable supplies at midweek. Receipts this week about 2100 as compared to 1536 a week ago and 2270 a year ago.

SLAUGHTER STEERS: Choice, including Prime 2-4 1000-1375 lbs. 70.00-73.00, bulk late 71.00-72.00. Package and load 1200-1350 lbs. 73.50 Monday. Mixed Good and Choice 2-3 950-1200 lbs. 67.00-71.50, mostly 68.00-70.00 late. Good 67.00-69.00. Holsteins: package Choice 2 1475 lbs. 65.00. Good and Choice 1-3 1300-1500 lbs. 63.00-63.50. Standard and Good 55.00-58.00.

SLAUGHTER HEIFERS: Choice, few Prime 2-4 900-1125 lbs. 69.00-71.50. Several lots and part loads 940-1050 lbs. 72.00-72.50. 825-900 lbs. 68.00-69.00. Good and Choice 2-3 850-1000 lbs. 65.00-70.00, bulk 66.00-69.00 late. Good including few heiferettes 64.00-68.00.

COWS: Utility, few Commercial 1-3 42.00-46.00. Cutter 38.00-42.00. Canner and low Cutter 35.00-39.00.

BULLS: YG 1-2 1100-1800 lbs. 50.00-53.50. Low yielding 45.00-50.00.

G&M Livestock

Monday, May 10
Duncansville, Pa.
Report supplied by auction

Compared to last week, steers-higher, cows-firm, hogs-higher.

STEERS: High Choice and Prime 71.00-74.10; Good to Choice 66.00-71.00; Standard to Good 58.00-66.00; Utility 52.00-58.00.

HEIFERS: High Choice and Prime 64.00-69.65; Good to Choice 58.00-64.00; Standard 52.00-58.00; Utility 48.00-52.00.

FEEDERSTEERS: Good to Choice 300-600 lbs. 54.00-63.50; Standard to Good 300-600 lbs. 48.00-54.00.

FEEDER HEIFERS: 300-600 lbs. 48.00-62.50.

BULLS: 1200-1890 lbs. 53.00-64.85; 900-1200 lbs. 48.00-54.00.

COWS: High Choice to Prime 48.00-50.00, Couple to 52.00; Good 44.00-48.00; Utility 42.00-44.00; Cutters 36.00-42.00; Canners Down to 35.00.

CALVES: High Choice 90.00-99.00; Good to Choice 70.00-90.00; Standard to Good 50.00-70.00; Utility Down to 30.00.

FARM CALVES: Hol. Bulls 80.00-100.00; Hol. Heifers 80.00-102.50.

FEEDER PIGS: 25-35 lbs. 25.00-35.00; 35-50 lbs. 35.00-47.00.

HOGS: 200-240 lbs. 57.00-59.85; 170-300 lbs. 54.00-57.00.

SOWS: 44.00-57.00.

BOARS: 44.00-57.00.

LAMBS: 60.00-72.00.

SHEEP: 24.00-28.00.

New Holland Dairy

New Holland, Pa.
Wednesday, May 12
Report supplied by auction

Reported receipts of 69 cows, 115 heifers, and 3 bulls. Market steady.

Load of Pa. Susquehanna Co. fresh cows, 660.00-1070.00; Load of Luzerne Co. springers 825.00-1150.00; Load of Pa. purebred & grade, fresh cows, 960.00-2000.00; Load of Pa. fresh cows, 960.00-1500.00, springers 1065.00-1100.00; Load of Pa. springers 1010.00-1060.00.

Locally consigned cows 450.00-1250.00; Springing heifers 660.00-1035.00; Open heifers 325.00-530.00; Bulls 530.00-680.00.

Indiana Livestock

Homer City, Pa.
Thursday, May 13
Report supplied by PDA

CATTLE: 168. Compared with last week's market: Sl. cows .50-1.00 higher. Sl. steers: Good 62.00-66.00; Standard 53.00-59.00. Sl. heifers: few Choice 66.50-69.25; Good 55.00-59.75. Sl. cows: Utility & Commercial 41.50-46.50; Cutters 38.50-42.00; Canner & L. Cutter 33.00-38.50; Shells down to 29.25. Sl. bulls: Yield Grade No. 1, 915-2115 lbs. 47.00-51.50.

FEEDER CATTLE: Steers (few) Medium & Large Frame No. 1, 380-770 lbs. 51.00-59.00. Heifers, Medium & Large Frame No. 1, 365-735 lbs. 46.25-57.75; No. 2 300-400 lbs. 39.50-45.00. Bulls, Medium & Large Frame No. 1, 350-670 lbs. 45.00-49.75.

CALVES: 86. Few Choice 90.00-100.00; few Good 75.00-90.00; 90-120 lbs. 67.00-76.00; 60-85 lbs. 53.00-69.00; few Utility 35-70 lbs. 27.00-46.00.

FARM CALVES: Hol. Bulls 80-120 lbs. 70.00-95.00. Beef Cross Bulls & Heifers 50-130 lbs. 71.00-82.00.

HOGS 97: Strong to .50 higher. Lot US No. 1-2 245 lbs. at 59.50 No. 1-3 220-260 lbs. 57.50-58.00; No. 2-3 230-255 lbs. 54.75-57.50; Sows US No. 1-3 275-530 lbs. 53.00-58.00.

SHEEP: 4. Lot Choice 95 lbs at 85.00.

Chambersburg Auction

Chambersburg, PA
Thursday, May 13
Report supplied by PDA

CATTLE: 541. Compared with last week's market: Slaughter steers 1.25-2.00 lower; Sl. cows .50-2.00 higher. Sl. bulls about steady. Sl. steers few High Choice & Prime 72.75-73.75, Choice No. 2-4 900-1250 lbs. 68.75-71.75; Good 59.50-67.75; Standard 53.50-60.00. Sl. heifers: Choice 63.00-68.00; few Good 56.00-61.00. Sl. cows: Utility & Commercial 44.00-49.00; Cutters 42.75-46.00; Canner & L. Cutter 38.50-43.50; Shells down to 34.50. Sl. bulls: Yield Grade No. 1 & 2, 990-2750 lbs. 47.75-55.85.

FEEDER CATTLE: Heifers, few Medium Frame No. 1, 350-700 lbs. 47.00-53.50.

CALVES: 367. Vealers about steady. Choice 80.00-100.00; few Good 75.00-85.00; 70-110 lbs. 63.00-73.00; Utility 50-85 lbs. 50.00-60.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 75.00-100.00; Hol. Heifers 80-160 lbs. 68.00-90.00.

HOGS: 147. 1.25 higher. US No. 1-3 220-250 lbs. 58.35-58.85; No. 1-3 300-600 lbs. 51.00-56.00. Boars 42.00-50.75.

FEEDER PIGS 60. US No. 1-3 30-50 lbs. 33.00-48.50 per head.

SHEEP: 38. Feeder lambs Good & Choice 40-60 lbs. 60.00-66.00. Sl. ewes: 21.00-28.00.

GOATS: 12. 12 00-26.00 per head

Joliet Cattle

Joliet, Illinois
May 13, 1982
Report supplied by USDA

CATTLE. Friday through Wednesday's salable receipts 2,500; 5 days last week 2,279; same period a year ago 4,020. Trading moderate to moderately active for the week. Slaughter steers ended the week mostly 1.00 higher, instances 1.50 higher compared with Wednesday of last week. Slaughter heifers ended the week 50, instances 1.00 higher. Cows closed the week firm to 1.00 higher

SLAUGHTER STEERS: Mixed Choice and Prime 3-4 1150-1300 lb. 74.00, load 74.50 Monday; 73.50-74.00 Wednesday. Choice 2-4 1000-1300 lb 71.50-73.50, most sales 72.25-73.75. Mixed Good and Choice 2-3 900-1300 lb. 70 50-72.50, mostly 71.50-72.50. Mixed Good and Choice 2 1180 lb. Holsteins 64.00 Monday, couple packages Good 2 1250-1430 lb. Holsteins 62.00-63.00 Wednesday.

SLAUGHTER HEIFER. Choice 2-4 900-1050 lb. 70.50-72.00 Monday; 70.00-71.00 Wednesday; 800-900 lb. 69.00-70.00. Mixed Good and Choice 2-3 800-1000 lb. 69.00-70.50 Monday; 67.50-69.00 Wednesday.

SLAUGHTER COW. Cutter & Utility, few Commercial, 40.00-42.00 Monday, 40.00-44.00 Wednesday. Cutter 1-2 34.00-40 00

More Markets on Page A22

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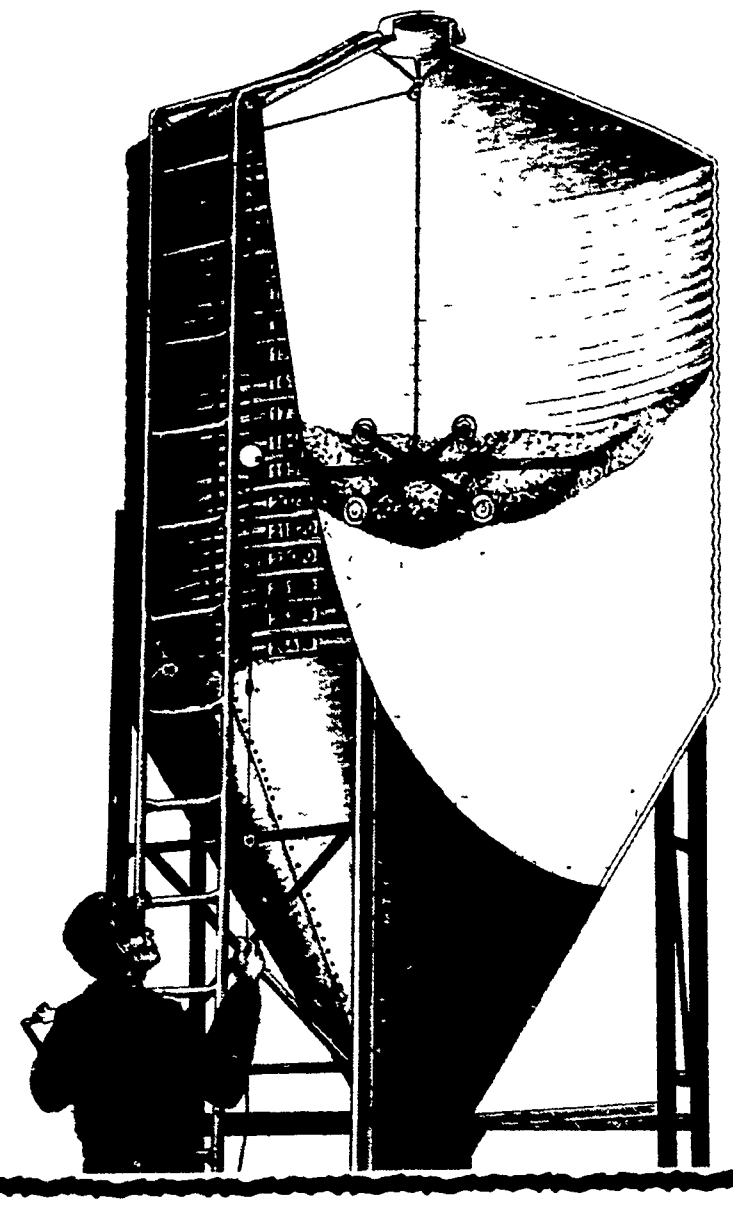

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CLOSED WEDNESDAYS

The new Soil Conservation Service administrator, Peter Myers, recently spoke to newspaper farm editors about his controversial appointment and erosion problems facing the nation. With him was Neil Sampson, seated at his left, executive vice president of the National Assn. of Conservation Districts.

Peter Myers

(Continued from Page A1)

Myers who has experience with both flood and center-pivot irrigation used to grow crops on his Mississippi Delta soils. And, he's been practicing minimum tillage for the past 15 years.

Myers, like Block, is a hog farmer and has a 50-60 sow farrow-to-finish confinement hog setup with a central manure lagoon.

"I am a farmer even though I've managed to scrape the hog manure off my boots and I don't wear my bib overalls," said Myers, jokingly, about his transition from his Missouri farm to the nation's capital. "And I'll tell you what. I'm enjoying the new position and I feel very confident that I can handle the job."

Myers credited the professional staff at SCS with making his first day on the job in Washington a smooth transition, allowing him to move forward instead of slip backward.

"What I want to do and what I foresee myself doing is being the spokesman for the Soil Conservation Service and managing its 14,000 people. That's a little different than managing 3 or 4 guys, and about 50 or 60 sows, and maybe a few cows once in a while. But I look forward to the challenge."

Myer's conviction to soil conservation led him to the "challenge," despite the fact that, for a month, he turned down Block's offers to come to Washington. He admitted he finally decided that "maybe one guy can have a small impact on one of the most serious problems facing our country.

"We're blessed in this country with our soil, water,and climate. There are few countries in the world, there have been few nations in history, that have had this combination. And what we're rapidly doing is taking one of these resources and letting it run down the hills into the Mississippi and ruinin' the water. In a short number of years, we're not going to have anything left."

Soil blowing in the Great Plains, people who think breaking plows are still the best thing ever invented — these, said Myers, are the serious erosion problems he's facing. Another serious problem is the farmer's "image."

"I'm a farmer, and I'm hard-headed, and I'm independent, and I like to look at that clean plowed field out there. We see beauty in ground rolling behind us in the breaking plow when we're up on the tractor seat," Myers said, adding in the same breath that this "beautiful image" has to be destroyed in the farmers' minds and replaced by an image of residue "sticking up on top of the ground."

"We've got to have grassed waterways, and farm with different methods. We have to change our habits and do some things the neighbors may frown on for a few years," Myers said.

Myers put the problems of saving the nation's natural resources "right up there with national defense."

"In a few hundred years or less, if we continue like we're doing, we're not gonna have anything to produce a crop to sell overseas," Myers predicted, along with a hesitant forecast that this nation should still be able to produce enough food to feed its citizens."

Referring to the figures that link every bushel of exported corn to two bushels of 'exported' soil, Myers stressed that "there are things we can do" to curb this soil loss.

'We've got a lot of tools (conservation practices) to fight this, and very little money," stressed Myers. He added the biggest challenge facing SCS is dealing with "good ol' hard-headed farmers like me who have to change our concepts" of conservation.

Myers acknowledged there are a lot of farmers and other landowners who are doing an excellent job in conserving the soil, but noted there are other people "handling land" that aren't.

Waking up these land abusers, said Myers, is one of his roles as SCS administrator.

"As a farmer, I can go out and say 'Hey guys, I'm one of you and I see the problems. And I see that you and I are causing the problem.' And maybe they'll listen to me. I haven't been in Washington long enough to be considered a bureaucrat.

"We as farmers and landowners have got to take a hold and manage this soil," said the new SCS administrator.

He openly opposed any federal regulation of soil erosion, stating that each state can handle enforcement in their own manner.

Citing the state erosion control regulations and resulting conservation in Iowa, Myers said "You can see the terraces, you can see the strip tillage. They've told their people 'Your going to have to do something about erosion, or something's going to happen.'

"I don't like that. As a farmer I don't like to have someone saying 'You've got to do so and so,' because this country was built on private ownership of land and free enterprise. But somehow we've got to do this, and I wouldn't want to see it (regulatory authority) any higher than the state level."

Myers said the SCS role in this challenge of erosion control is to provide the needed technical service to landowners and to educate the public, from school children to adults.

Regarding the Resources Conservation Act survey conducted by SCS last year, Myers announced the results of the survey and SCS's recommendations were given to the Secretary Block. He added that USDA would be passing this information on to the White House by June and that he was optimistic the president would be announcing a program by mid-July.

Myers mentioned that the "sticky" item on the RCA questionaire about developing state and local coordinating boards would not be advocated by Block or himself. "We're advocating cooperation among the boards that are already there — Districts, ASCS, SCS, Extension Service," he revealed.

Further discussion of the RCA survey, Myers said, would be premature. However, he did say SCS would not curtail its urban landowner assistance since 97 percent of the U.S. taxpayers are nonfarmers.

Concerning the possibilities of getting the Rural Abandoned Mine Program funds released from the federal Department of Interior, Myers said he's got "a real hangup" with the situation.

"The coal mines have put this money in the trust fund and there it's sittin' while we've got all kinds of work we need to get done in the country.

"I feel very sympathetic toward this. It's a real problem and a squabble that I'm going to get in. I don't know if I'll win or not," Myers stated.

Taking a final look at the criticism that surrounded his appointment, Myers pointed out that the person filling the chair as SCS administrator has been changed politically in the past but has never been an outsider before he accepted.

Will his being an outsider hinder his ability to make policy decisions? According to Myers, the answer is an emphatic "no."

"It's a two-way street. I hope I'm more than a policy-implementer," he said, then added after a pause, "I think the chief administrator can be a policy-setter if he goes about it right."

With his strong convictions about soil conservation and his determination to succeed, this Missouri farmer is bound to 'show' everyone else that the soil conservation business can be learned from the ground up and that good administrators don't have to grow up in the SCS ranks.

Conservation data shows more land open to erosion

WASHINGTON D.C. — The subject of soil conservation has reached the greatest level of public interest in the last several decades, reports Neil Sampson, executive vice president of the National Association of Conservation Districts.

Why this sudden interest in what used to be just a farming problem?

Says Sampson, it's a product of the times and the availability of more sophisticated, public information.

One of the first sources of soil conservation information was the Soil Conservation Service's 1967 Conservation Needs Inventory which went almost unnoticed during the time of crop surplus during which it was taken. The survey was conducted at the time by SCS to justify its soil and water conservation services which were carried out since the 1930s.

"People kept using that as the authoritative data base on the agricultural land resource situation in the country," Sampson says. But this wasn't enough information to "look at what was going on" in agriculture — merely enough to make some guesstimates.

Then in 1975, the Potential Cropland Study was completed which quickly revealed that the U.S. "did not have an unending supply of unused cropland. We couldn't just keep wearing it out and moving on."

The 1977 Natural Resource Inventories confirmed and fortified these earlier studies.

"It began to dawn on people that we were going to have to start thinking about limits," says Sampson, noting that the Soil Conservation Service is once again compiling information to be released in the next 6-8 months. This new data should reveal what has happened to American agriculture since 1977.

But, remarks Sampson, the mammoth task of gleaning this information is not an easy one. "I estimated that if you were driving down the highway 55 miles an hour and were able to see a half mile each way, you'd drive steady for 13 years before you'd ever get a glimpse at the non-federal land that is used to grow crops and cattle. That's the size of the resource base we're talking about."

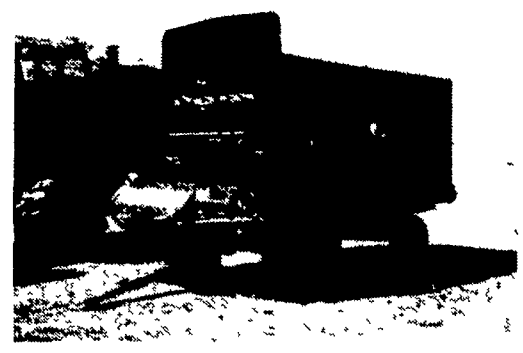
In 1977, SCS estimated there were 127 million acres of potential cropland remaining in the land inventory. Today's inventory shows an additional 50 million acres have been converted to cropland during the past 5 years, reports Sampson.

What happened during that time to create a price signal which would bring almost half of the estimated potential cropland in the nation back into production? The answer, says Sampson, will be in the new SCS statistics.

This trend of bringing more

(Turn to Page A22)

HAYMAKING SPECIALS



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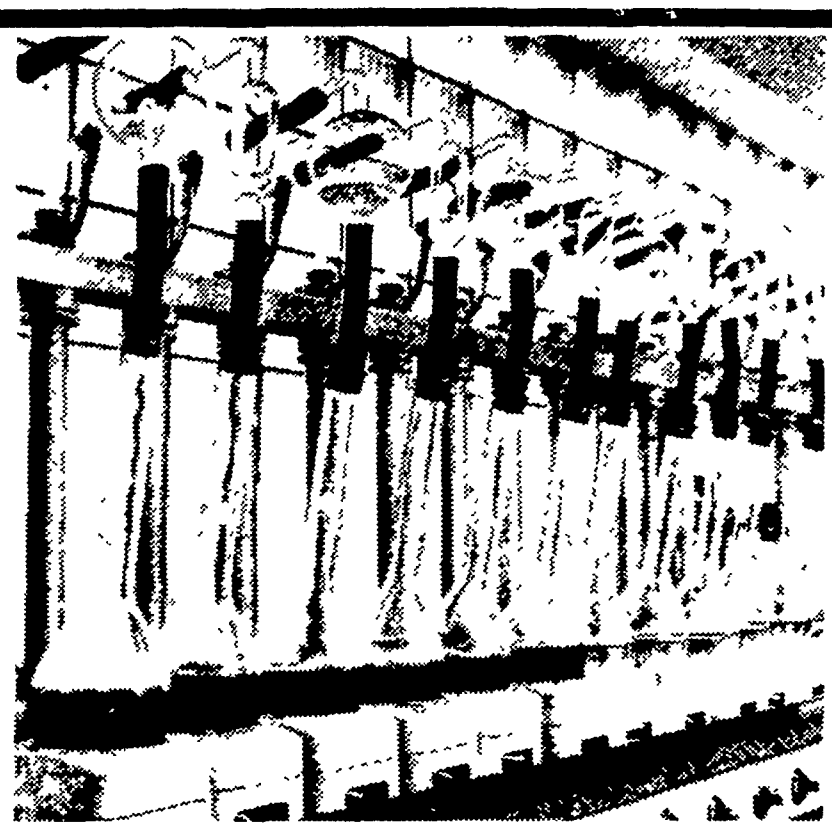

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Charolais bull tops N.Y. sale

ITHACA, N.Y. — A Charolais bull, Meadow View Paul, consigned by Margaret Meckler, Meadow View Farm, Frankfort, topped the 1982 New York Bull Test Sale last Fri.

The unofficial sale average for the 38 bulls in the sale was $1,226.

The Meadow View bull, a son, of LCR Royal Perfecto, was purchased by Bob and Mary Scott of Hannibal for $2,300. The bull has a frame score of 7, a final test weight of 1,471 pounds and an average daily gain of 4.18 pounds. The two Charolais bulls in the sale average $1,900 for the highest breed average.

The second-highest selling bull was an Angus, Cornell Franco C321 consigned by Cornell University and purchased at $2,000 by Central Bridge Farm, John R. Vanderwerken of Central Bridge. The bull, a son, of P.S. Franco 064-157, had a frame score of 6, a final test weight of 1,095 pounds and an average daily gain of 3.57 pounds. The 16 Angus bulls in the sale averaged $1,139.

The top-selling Polled Hereford bull was CHF M Banner 153 consigned by Raymond Clark of Clinton and purchased at $1,800 by Roland Wolford of Greene. The bull an Enforcer grandson had a frame score of 5, a final test weight of 1,190 pounds and an average daily gain of 3.65 pounds. The 12 Polled Herefords in the sale averaged $1,206.

The top-selling Simmental bull was Linden Achilles P.B. consigned by Linden Farm of LaGrangeville and was purchased by James Lindsey of Rexford for $1,800. The bull, a son of Lacombe Achilles, had a frame score of 6, a final test weight of 1,360 pounds, and an average daily gain of 4.81 pounds. The five Simmental bulls in the sale averaged $1,258.

The top-selling Shorthorn bull was Stony Brook Image, consigned by Stony Brook Farm of Locke and purchased for $1,200 by William, Shane and David Carpenter of Shonowe Farm, Schenetady. The bull, a son, of Stony Brook Brook Bravo, had a frame score of 5, a final test weight of 1,084 pounds and an average daily of 3.94 pounds.

The single Chianina entry was Kine ER 15 DSKA consigned by Richard L. Hamme, Erie Rise Farm, Fredonia and purchased by George Hayes of Ulster, Pa. for $1,250. The bull, a son of Iggio, had a frame score of 7, a final weight of 1,206 pounds, and an average daily gain of 4.03 pounds.

Sale chairman was Phil Taylor of Lawtons and auctioneer was "Red" Shaw.

The American Polled Hereford Association recognized the New York Bull Test program as an official test for the Polled Hereford bulls enrolled. Arnold Schonberg of Cedarville Farms, Ilion was given a plaque for having the highest performing Polled Hereford bull on the test. The Schonberg bull, CF One Spot 644 22 had a frame score of six and an average daily gain of 3.99 pounds.

The Bull Test program and Sale are jointly sponsored by the New York Beef Cattlemen's Association, the New York State Department of Agriculture and Markets and the animal science department at Cornell University. The sale is managed by the New York Beef Cattlemen's Association.

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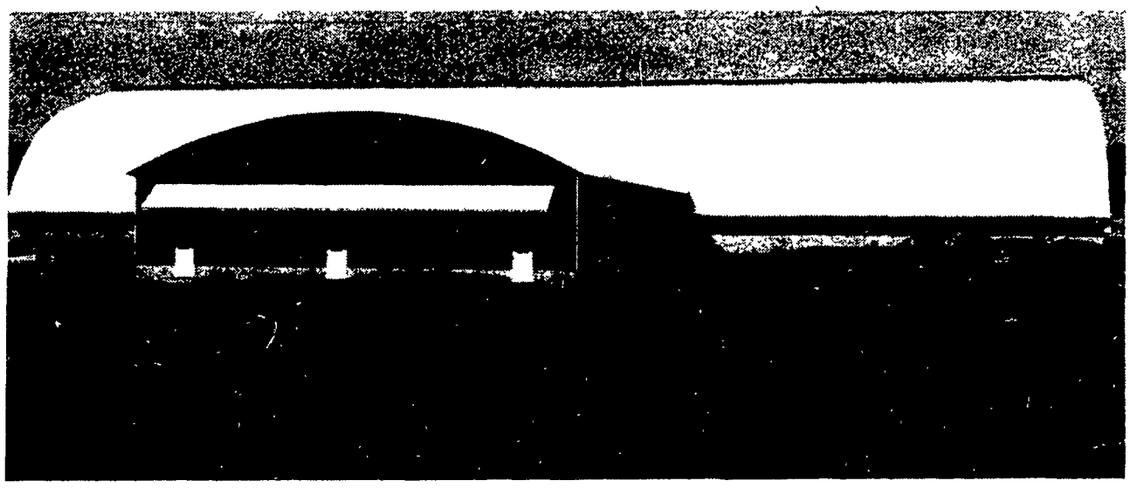

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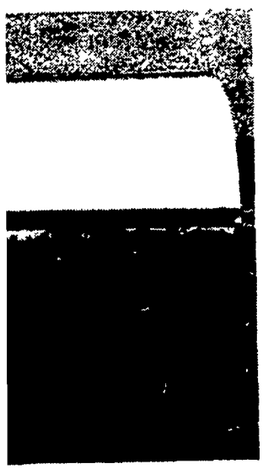

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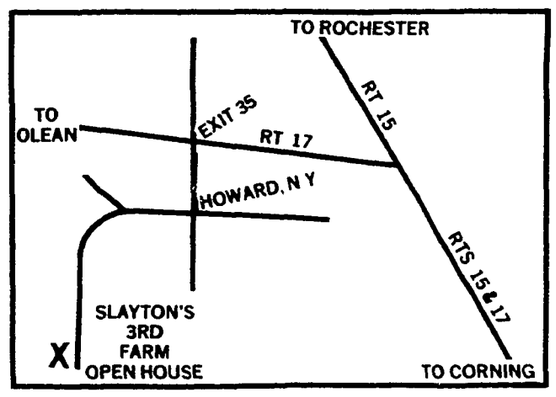

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Colonial Charolais Assn. elects officers

McVEYTOWN — The regular meeting of the Colonial Charolais Association was held recently in Winchester, Virginia. On the day's agenda were.

Planning for the annual field day on July 17th at Bratton Charolais Farms, final arrangements for the Charolais Junior members' trip in June to South Dakota for the National Leadership Conference, and annual election of officers highlighted the agenda

Any Junior Association members in the eleven-state area served by the Colonial interested in traveling to the conference via the World's Fair and returning via the Gentry Ranch in Nebraska are asked to call Mrs. Phyllis Chambers at 412/948-3442. This year's group plans to enter a bid to bring the 1984 meeting back to Penn State where it orginated several years ago.

The membership elected Jake Martin from Tamberlane Farms in Canandaigua, New York, as president; Roger Mitschele of Flying "M" Ranch, Morris Pennsylvania, as vice-president; and Susan Bratton of Bratton Charolais will continue as executive secretary while holding the elected office of secretary-treasurer Ray Bratton, the outgoing president, was elected to a 3-year director's term along with Owen McNeeley of Sandy Creek Farms, Silverton, West Virginia, and Jim Doverspike, of J.C. Enterprises, Ringold, Pennsylvania.

The first American to be concerned about erosion was probably Jared Eliot. He was a minister and doctor from Killingsworth, Connecticut in the early 1700s As he rode horseback through New England calling on his congregation and the sick, he noticed water running from a wooded hillside was clear, but water from a bare hillside was muddy He experimented to prove that every time muddy water ran from a field the field became less productive.

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What you can do to fight gypsy moths

If you do decide to protect your own trees against heavy defoliations, insecticides registered for home grounds use can be an effective do-it-yourself control. Apply them now for best results. By then the majority of the eggs will have hatched but they will not have had time to damage trees from heavy feeding. Spraying them will also save you and your family from most of the irritations caterpillars inflict.

There are five insecticides registered for home use; they are available throughout the state. All have been thoroughly tested and have proven to be environmentally safe. These include:

1. **Acephate.** (Orthene) is registered for both ground application by home owners and aerial application for federal/state/county programs. The spray does produce a mild, disagreeable odor for a short time after application. It tends to be costly for extensive spraying. Orthene is widely used for controlling many ornamental insects pests.

2. **Bacillus Thuringiensis** (Dipel, Thuricide, Biotrol) is registered for both ground and aerial application for homeowners use and other control programs. Results are not spectacular, but it is usually effective enough to prevent severe defoliation. It presents no environmental hazard and may be a good choice to use along streams, lakes, reservoirs, etc. It is relatively costly and two applications may be needed. Cool or wet weather reduces its effectiveness.

3. **Carbaryl** (Sevin) is registered for ground and aerial application for homeowners and professional applicators. Carbaryl is the most widely used insecticide for gypsy moth control in the U.S. It is also widely used by home gardeners to control a wide range of vegetable pests.

4. **Imidan** is registered for ground application only and may be used by homeowners. Its environmental impact record has been good. It is a commonly used insecticide for homegrounds fruit pests.

5. **Methoxychlor** is registered for ground application only and may be used by homeowners. It is a commonly used insecticide for home gardens and Japanese beetle control.

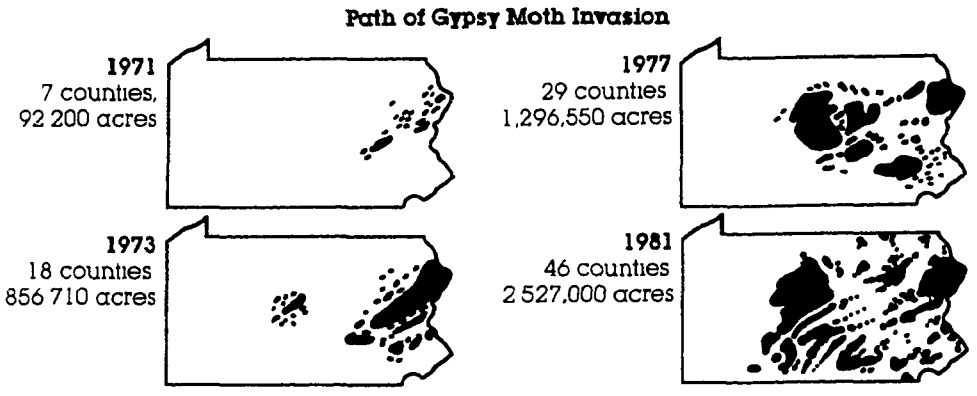
Insecticides registered for use in government control programs or by qualified foresters only include Dimilin and Dylox. These two materials are not registered for use by homeowners. Demilin is used by the state. It is effective and safe.

Tree trunks can be encircled with a piece of burlap or similar material. Place it about chest high and arrange so it hangs apron-like around the trunk. Such aprons work best in light to moderate infestations from late May thru early June. A few street or shade trees can often be fairly well protected with this method.

When the caterpillars are half-grown, many of them feed at night and crawl down the trunk in the morning to seek shelter during the day. The apron provides a place under which they can collect and be killed. The apron must be kept in place for 10 to 14 days, checked daily, and all trapped caterpillars destroyed. This control method is usually sufficiently effective to save enough leaves to keep the tree green. Do not expect it to be effective on trees that are part of a heavily infested forest.

Repellent tape may have value in protecting some trees. It does not protect trees from caterpillars that drop onto them from air currents nor from caterpillars that hatch from egg masses located on the tree above the tape. The tape may be of value in preventing caterpillars from crawling up evergreen trees and other species in the non-preferred category. This will help on most evergreen trees (except blue spruce) since young caterpillars first feed and develop on preferred hosts before they will attack hemlock, pines, and spruce.

Path of Gypsy Moth Invasion



Pa. plans counterattack

(Continued from Page A1)

Hobaugh points out that the 500,000 acres to be sprayed should not be assumed to be the total acreage where gypsy moth infestations are present. If total acreage where gypsy moth defoliation is at least 25 percent or more were figured in, the amount would be over 3 million acres in Pennsylvania alone.

In Lancaster County, spraying is being planned to cover 11,837 acres and will cost approximately $106,000. Last year, the moths defoliated or partially damaged over 15,000 acres of Lancaster County woodland.

How it began

Gypsy moths are native to Europe and first appeared in the U.S. in Medford, Massachusetts in 1869. Leopold Trouvelot, a naturalist and entrepreneur, was trying to breed a disease-resistant silkworm for the silk industry. His experiments called for crossing the gypsy moth with the silk moth, so he had a package of egg clusters shipped to him.

Upon arrival, Trouvelot set the eggs on a windowsill. Unfortunately, as the story goes, a gust of wind blew them off. The package broke and the eggs were scattered.

The escaped gypsy moths found a plentiful supply of food in New England and began multiplying.

In 1889 the first major outbreak occurred in New England. The problem didn't become established in Pennsylvania until between 1960 and 1965. The state's infestation progressed southwestward following the mountain ridges. During 1981, the front edge of the infestation advanced into Centre, Blair, Huntingdon and Clearfield counties. Heaviest defoliation and tree mortality has occurred along mountain ridges in forested areas with predominately oak species, according to the Pennsylvania Extension Service.

The Extension's "Pest Sheet" goes on to explain that in new areas of infestation, its level of importance is closely related to number of people residing in the area. The normal pattern has been two years of light infestation with minimal defoliation followed by two years of moderate to severe defoliation with population collapse after the second year of heavy defoliaton.

Based on history of the moth in New England, infestations will flare up again in future years, however, caterpillar density and severity of defoliation will probably not be as high or widespread as encountered during the initial infestation.

The Problems

The greatest problem is the nuisance created by caterpillars especially during June. The urticating hairs cause skin rashes that vary from faint reddish spots to patches of inflamed skin with blister-like wheals. The wheals disappear in 12 to 18 hours and the rash fades in a few days.

The second problem is economic loss to recreational and private woodlands.

The moths

Every five to seven years there is a period of heavy defoliaton for about two years, followed by a population collapse. When this happens, the visible effects of feeding gypsy moths practically disappears. Often, people mistake the moths as having disappeared completely. However, these populations weaken because of stress. Once weakened, the moths are susceptible to a virus called Wilt Disease. Once populations have diminshed, the feeding and breeding environment becomes ripe for rejuvenation.

The female gypsy moths do not fly. As soon as they emerge from the pupa case, there are usually four or five males waiting. They mate almost immediately and the female lays her eggs that quick.

The female moth is a whitish-brown and should not be confused with the tent caterpillar whose nests are currently seen especially abundant in wild cherry trees.

The males vary in color from light tan to dark brown.

Control

Homeowners anxious to take steps to protect their property can begin now, as the state has done in their massive spray program.

Each egg mass can contain from 700 to 1,000 eggs, so for each one destroyed, there will be over 700 fewer caterpillars to destroy trees.

According to Extension, the best

(Turn to Page A23)

USDA changes dry bean standards

WASHINGTON, D C. — The U.S. Department of Agriculture has adopted, without change, a final rule which will clarify the U.S. Dry Bean Standards and facilitate marketing.

Kenneth A. Gilles, administrator of USDA's Federal Grain Inspection Service, said the changes are primarily revisions in the format of the standards tables which will make them easier to understand and use.

Also, all special premium grades of dry beans will be deleted from the standards, except for the class pea beans

"We periodically review grading standards so that the standards can continue to serve the needs of the grain and commodities market," Gilles said.

Notice of this action was published in the May 6 Federal Register.

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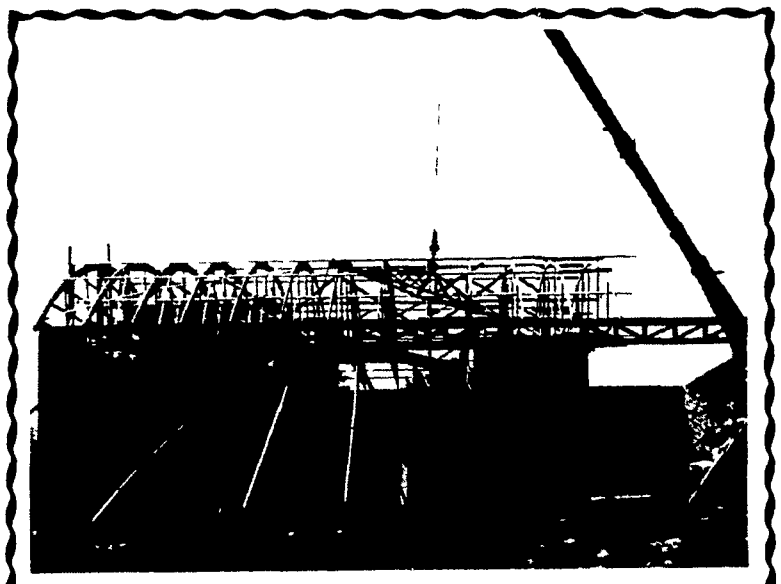

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NEDCO invites producers to look at dairy situation

STOUCHSBURG — An overview of the critical dairy situation and some suggested solutions, along with the Dairy Price Support Program will be the major topics of discussion by directors of one of the northeast's dairy cooperatives, Northeast Dairy Cooperative Federation, Inc., and its member cooperatives including Cleona.

The meeting will be held at Risser's Restaurant, Route 422, Stouchsburg, Wednesday, May 19, starting at 8 p.m. The session will be open to all dairy farmers in the area.

Speaker at the meeting will be Arthur Little, NEDCO economist. Chairman of the meeting will be Leon Musser, Lewisburg, NEDCO director.

This meeting is one of a series of about 15 that are scheduled for New York and Pennsylvania under the sponsorship of NEDCO to provide an opportunity for all milk producers to become better informed about the changing dairy industry.

June Dairy Month

(Continued from Page A1)

dairy animals together with their favorite people; and Dairy Life, unposed photos of events as they happen on a dairy farm.

First place winner in each category will receive $50; second place will receive $30; third place will receive $20

Any dairy animal can be featured in the photo. When submitting a favorite picture, contestants should be sure to include the contest's official entry blank and a **Lancaster Farming** mailing label All entries must be postmarked no later than June 23 and winners will be announced in the July 3 issue

This year our judges will be Lebanon County dairy agent Newton Bair and the husband and wife photography team of Art and Jane Myers of Lititz.

Newton Bair was born and raised on dairy farm and continued to actively farm his York County Holstein dairy until 1967. He then entered Penn State where he earned two agronomy degrees. For the past 11 years, he has served as an Extension agent and writes **Lancaster Farming's** Dairy Business column.

No strangers to photography, Art and Jane Myers will celebrate, next week, the third anniversary of their Lititz photography supply store, The Photographer's Corner. Their talent as accomplished photographers keeps their professional lens-work in demand for weddings, class reunions and other group activities

So have your camera loaded and ready Don't miss that unexpected shot or that brilliant landscape of your farm And help us share a little of your dairy life with everyone

The following is a list a rules to keep in mind

- One winner per family,
- Amateur photographers only,
- Photo must be submitted by the photographer and accompanied by the Lancaster Farming mailing label (label can be used by all family members);
- One photo per entry blank (additional blanks are available through Lancaster Farming);
- Black and white and color photos accepted No slides,
- Include a self-addressed stamped envelope for easy return,
- Photo must be postmarked no later than June 23,
- Lancaster Farming employees and their families are ineligible for the contest.

For our advertisers, June 5 will be our special dairy issue Get complete coverage by reserving your space now for this important issue. Deadlines for ads are May 28. News and editorial information should be in no later than June 1 For news or ad information and placement call 717-626-1164 or 394-3047

State's broiler placements up

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending May 1 were 2,492,000, 9 percent above the previous week and 1 percent above the corresponding week a year earlier.

Average placements during the past 9 weeks were fractionally below a year ago. Settings for broiler chicks were 3,095,000, 3 percent above the previous week but 3 percent below the same period a year earlier. The current 3-week total of eggs set is 3 percent below the comparable period a year ago.

Placements in the 19 States were 85,338,000, 2 percent above the previous week and fractionally above the same week a year earlier. Average placements during the past 9 weeks were 1 percent below a year ago. Settings were 102,609,000, 1 percent below the previous week and 2 percent below a year earlier. The current 3-week total of eggs set is 1 percent below the comparable period a year ago.

Expected marketings, based on placements 8-10 weeks earlier less mortality allowance, in Pennsylvania for the week ending July 3, 1982 will be 2,313,000, 1 percent below a year earlier. The 19 States expected marketings should total 79,877,000, 1 percent below last year.

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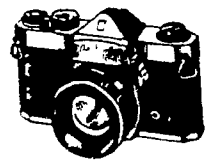

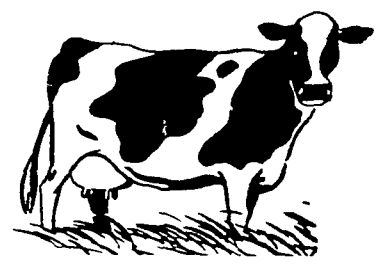

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- ☐ DAIRY PARTNERS, dairy animals together with their favorite people
- ☐ DAIRY LIFE, unposed photos of events as they happen on a dairy farm. Can be ordinary, extraordinary, happy, sad, etc.

Photographer's name _____

Address _____

Town _____ State _____ Zip _____

Phone (include area code) _____

Type of camera used _____

Please use the following lines to tell us a little about the photo. (Who, what, where and when)

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CONTEST RULES

1 One winner per family
2 Amateur photographers only
3 Photo must be submitted by the photographer and accompanied by the Lancaster Farming mailing label (label can be used by all family members)
4 One photo per entry blank (additional blanks are available through Lancaster Farming)
5 black and white and color photos accepted NO SLIDES
6. Include a self-addressed stamped envelope for easy return
7 Photo must be postmarked no later than June 23
8 Lancaster Farming employees and their families are ineligible for the contest

SEND PHOTO AND ENTRY BLANK TO: **DAIRY PHOTO CONTEST**
Lancaster Farming
P.O. Box 366
Lititz, Pa. 17543

Winners will be announced in the July 3 issue

Be ready for hay harvest

UNIVERSITY PARK — Farmers recognize the importance of harvesting hay-crop forages at an early state of maturity to obtain high quality forage — that is, forage high in energy, protein, and digestibility.

Some farmers get the job done at the right time; others never seem to get it at the right stage of maturity, says Sam Dum, Penn State Extension farm management specialist.

Getting the job done revolves around the weather, equipment and storage facilities, and management.

There is no control over the weather; one must work with it. A knowledge of the passage of frontal systems through an area is one of the best indications for an operational forage harvest period. The more extended periods occur after the passage of a cold front, reminds Dum.

The type of equipment and storage facilities determine the method of harvest, such as field cured, barn finished, or ensiled. Ensiling hay crop under favorable weather conditions may require only a day's time from cutting to storable condition. Field curing may take several days longer. Therefore, ensiling can give more operational harvest days during less favorable weather periods.

Where large acreages of forages must be harvested, larger capacity equipment must be matched to acreage and operational days. However, the amount of equipment investment a farm can carry may restrict the equipment and storage facilities used.

Even with operational weather and adequate equipment, some farmers fail to get the job done because they do not manage their time properly. Generally, they fall in two areas: not having their equipment serviceable and ready to be used when haying season arrives, and not using critical equipment such as haybines, balers and forage choppers, sufficient hours during operational weather. This latter situation frequently occurs on dairy farms where chore time competes with field operations. However, in many situations it is possible to reorganize the chores to keep critical equipment operating or to hire extra labor.

To ge high quality forage, farmers must work with the weather and manage the time to keep equipment serviceable and operating during the haying season, adds Dum.

Plan now for next spring's forage

UNIVERSITY PARK — The basis of keeping dairy feed costs under control is to build the feeding program around adequate quantities of high quality forage. This means a forage program using both hay-crop forages and corn silage for most Pennsylvania dairy producers. Further, it requires producing most of the supply needed on the farm where it is fed.

Pennsylvania farmers do not have available large quantities of quality forage economically priced on the open market, according to Sam Dum, Penn State Extension farm management specialist.

To provide adequate quantities of forage a dairy producer should plan for about 7-8 tons hay-equivalent of forages annually per cow and 4½ tons for each heifer raised to freshening age. This means converting all sources of forages to a hay-equivalent basis, whether it is from hay-crop, corn silage or pasture. For example, three tons of corn silage are equal to about one hay ton-equivalent.

At this time of year, many dairy producers are experiencing depleted supplies of forages. In many cases it has been due to not planning a cropping program to produce the needed supply.

To insure an adequate supply of forage for the coming year, plan how your cropping and pasture programs can produce the needed forage. Some pencil pushing and planning now can prevent shortages next winter and early spring as well as provide a less expensive feeding program," concludes Dum.

READ LANCASTER FARMING FOR COMPLETE AND UP-TO-DATE MARKET REPORTS

Livestock market and auction news

Weekly Summary

Friday, May 14
Report supplied by PDA

CATTLE: 8570. Compared with 7097 head last week, and 7289 head a year ago. Compared with last week's market: Slaughter steers mostly steady to 2.00 higher with lower prices 1.00-2.00 lower end of week/ Sl. heifers unevenly steady; Sl. cows 1.00-3.00 higher; Sl. bullocks steady to .50 higher; Sl. bulls .50-1.00 higher. Sl. steers: High Choice & Prime No. 3-4, 73.00-77.85; Choice No. 2-4, 70.00-74.50, Good 62.00-71.00; Standard 55.00-63.00. Sl. heifers: Choice 64.00-68.50; Good 55.00-64.00; Standard 52.00-56.00. Sl. cows: Utility & Commercial 44.00-49.60; Cutters 40.00-46.50; Canner & L. Cutter 38.50-43.75; Shells down to 29.75. Sl. bullocks: Choice 59.00-63.50; Good 55.00-60.50; Standard 52.00-56.50. Sl. bulls: Yield Grade No. 1, 1000-2700 lbs. 50.00-56.00; Yield Grade No. 2, 900-1450 lbs. 45.00-53.50.

FEEDER CATTLE: Steers Large Frame No. 1,3 50-750 lbs. 60.00-69.00; Large Frame No. 2, 400-800 lbs. 48.00-57.50; Medium Frame No. 1 300-700 lbs. 54.00-62.50. Heifers, Medium & Large Frame No. 1, 300-750 lbs. 42.00-54.00; Bulls, Medium & Large Frame No. 1, 400-750 lbs. 42.00-55.00.

CALVES: 3192. Compared with 3178 head last week and 2829 head a year ago. Vealers steady to 5.00 higher. Few Prime 92.00-135.00; Choice 85.00-110.00; Good 75.00-90.00; 110-130 lbs. 70.00-85.00; 90-110 lbs. 63.00-73.00; 65-90 lbs. 58.00-70.00; Utility 48-95 lbs. 40.00-60.00.

FARM CALVES: Hol. Bulls 80-125 lbs. 65.00-113.00, mostly 80.00-100.00; Hol. Heifers 85-150 lbs. 65.00-103.00, mostly 80.00-100.00.

HOGS: 8134 Compared with 6753 head last week and 7284 head a year ago. Barrows and gilts mostly 1.00 higher. US No. 1-2 200-245 lbs. 59.00-61.00 No. 1-3 200-255 lbs. 58.00-59.85; No. 2-3 200-275 lbs. 55.00-58.00; No. 1-3 140-190 lbs. 50.00-57.00; Sows uneven. US No. 1-3 300-685 lbs. 50.00-56.00; No. 2-3 300-750 lbs. 45.00-50.00. Boars 40.00-48.50.

FEEDER PIGS 922: Compared with 869 head last week and 1033 a year ago. Feeder pigs highly uneven. US No. 1-3 20-35 lbs. 28.00-45.00 per head; No. 1-3 35-50 lbs. 40.00-55.00; No. 1-3 50-85 lbs. 55.00-63.00.

GRADED FEEDER PIGS: 3300. Compared with 1516 head last week, and 2397 head a year ago. All sales by CWT. Feeder Pigs mosly 2.00-12.00 lower. US No. 1-2 20-40 lbs. 120.00-150.00, 40-50 lbs. 114.00-136.00, 50-60 lbs. 100.00-125.00, 60-85 lbs. 85.00-112.00; US No. 2-3 20-40 lbs. 110.00-129.00, 40-60 lbs. 95.00-121.00.

SHEEP: 950. Compared with 833 head last week and 605 head a year ago. Spring sl. lambs 1.00-5.00 lower, Choice 25-40 lbs. 88.00-110.00, 40-70 lbs. 80.00-90.00, 70-120 lbs. 70.00-84.00; Wooled lambs Good & Choice 60-135 lbs. 52.00-75.00. Sl. ewes: 10.00-34.00.

Lancaster Weekly

(Continued from Page A2)

115 lbs. 60.00-72.00, few 70-80 lbs. 55.00-62.00.

RETURNED TO FARM: Bulk 90-120 lbs. holstein bulls 90.00-100.00, few 100.00-109.00, few 85-95 lbs. 75.00-85.00; bulk 90-115 lbs. holstein heifers 74.00-100.00, few 100.00-112.00 few 70-85 lbs. 54.00-71.00.

West Virginia Market Summary

May 3-8
Report supplied by WVDA

Markets Reported: 9.

	Feeder Cattle	Sl. Cows	Sl. Bulls	Sl. Hogs	Sl. Lambs	Feeder Pigs
Total Head	856	276	61	554	137	221
Previous Week	1857	285	54	357	103	235

FEEDER CATTLE: (856); Steers under 500 lbs. Bulk of Trade Supply fully steady to $2 higher, few $10 higher; over 500 lbs. mostly steady, few up $6-7. Heifers under 500 lbs. mostly steady to $3 higher, over 500 lbs. uneven, instances $3-10 higher. Bulls under 500 lbs. fully steady to $1 higher, over 500 lbs. steady. M-1 steers 3-500 lbs. $66-72/cwt, few $63, 5-800 lbs. mostly $64-68, few $71-78. M-1 heifers 3-500 lbs. $50-55/cwt. some $59-66, 5-800 lbs. $53-60, few $62. M-1 bulls 3-500 lbs. $59-66, some down to $55, few at $73, over 500 lbs. $53-64.

SLAUGHTER CATTLE (276); Ut.-Com. cows fully steady to $2.75 higher, raning $37-43.75, mostly $42.50-43.75. Can.-Cut. steady to $4 higher ranging $32-40.25 mostly $36-40. High dressing cows steady, ranging $40-44.50, mostly $40-43.75.

SLAUGHTER BULLS (61); Over 1,000 lbs., Fully steady to $2.00 higher. Few ranging 51-53.50.

SLAUGHTER HOGS (554); U.S. 1-3 Barrows and Gilts up $2-3 ranging $54-57.10, most sales $56.15-57.10. Sows 3-600 lbs. mostly steady $43-49, few $55. Boars down $4-8, $38-41, few $43.

FEEDER PIGS (221); Steady to $5 lower, some down $10, 20-40 lbs. $25-35/head. 40-60 lbs. $39-48, 60 percent and over $47-55.

SLAUGHTER LAMBS (137); Mostly steady to $2 lower, C & P 95-125 lbs. $70-71, wooled $63, 85-95 lbs. $67.50-68. Feeder lambs $55-57.

COW/CALF PAIRS; Medium Frame No. 1 muscle, ranging $410-490/pair, few $495-585, Small Frame $400-460.

Conservation data

(Continued from Page A16)

cropland into production has brought with it additional conservation problems which, according to the NACD vice president, "cannot be solved entirely by SCS programs."

"In an agriculture that's in the cash flow bind that it's in, in an agriculture that was $175 billion in debt at the start of last year and $195 billion in debt at the end of it, in an agriculture where good farmers are on the verge of or over the edge of bankruptcy and will do anything they can to hang on financially for another year, there will be a delay in conservation investments.

"This will mean putting in another year of cash crop instead of a soil-building crop. The few dollars of cost-sharing that are available through the Annual Conservation Program and the technical assistance available through SCS will not mean as much as it means in an agriculture that's rocking along on a fairly stable base," he explains.

In order to look at the current financial problems affecting conservation programs, Sampson reports, the Resources Conservation Act survey was conducted by SCS last year.

"But no way could a conservation program study take a look at what to do when a farmer produces grain that costs him $5.20 and sells it for $3.60 or whatever it happens to be at the time," stresses Sampson. He adds that no conservation program can solve this problem even though it has set the stage for intensive cropland use which is deteriorating the soil resource base.

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Sheep field day answers producers questions

UNIVERSITY PARK — Infectious diseases, metabolic disorders and parasites head the list of health-related problems with sheep, says Lester C. Griel, Jr., associate professor of veterinary science at Penn State.

The Penn State specialist will be available to answer health-related questions from sheep producers during the Pennsylvania Sheep Field Day and Performance Tested Ram Sale, scheduled for June 5 at the Allentown Fairgrounds, staring at 9 a m.

Dick Kuzemchak, Penn State shepherd, helps Mollie Johnson, an undergraduate student from Elkton, Maryland, put the finishing touches on this animal before a show. Kuzemchak will hold a sheep fitting and showmanship seminar for 4-H'ers at the Pennsylvania Sheep Field Day, June 5, at the Allentown Fairgrounds.

"Our biggest concern with most flocks of sheep is the spread of infectious diseases," says Griel "We get many questions from producers whose flocks have infectious foot problems, interrelated diseases of the ewe and lamb, or certain infectious reproduction disorders."

Griel says some of the metabolic disorders in sheep could be related to selenium and trace element deficiencies.

"This year we put some of the University's ewes on a selenium fortified salt mix," he notes. "Lambs from ewes on this ration weighed 1½ to 2 pounds more at birth than lambs from ewes not on the supplement."

As sheep producers control more of the infectious and metabolic disorders in their flocks, internal and external parasites may become more noticeable.

Griel says, "One of the most serious parasite problems we have seen at the University has been coccidiosis in lambs. In some flocks, coccidiosis takes a heavy toll in lamb losses We put our ram lambs on a medicated feed as soon as possible."

The Field Day program also will feature a session by Clair C Engle, Penn State Extension livestock specialist, and Judy Noyalas of the Northampton Agricultural Stabilization and Conservation Service on wool grading, the wool incentive program and how to produce better quality wool

Mike Fournier, Bucks County Extension agent, will demonstrate the proper technique of trimming hooves, how to apply a foot drench and how to identify and treat edema and mastitis in sheep

A sheep fitting and showmanship seminar is scheduled for younger members of the audience Dick Kuzemchak, head shepherd at Penn State, will show 4-H'ers and other youths how to fit their animals for a show and how to properly exhibit their sheep in the ring.

The 6th Performance Tested Ram Sale will get underway at 2 p.m Approximately 30 yearling rams on test at the Pennsylvania Department of Agriculture Meat Evaluation Center, State College, will be available at the sale

Pa. plans counterattack

(Continued from Page A20)

time to spray is now — the last two weeks in May.

If defoliation is light, the best defense is to keep trees healthy by mulching, feeding, and watering

The gypsy moth caterpillar feeds on over 500 species, including trees, shrubs, and vines Preferred host plants for larval stages include alder, aspen, birch, hazelnut, larch, mountain ash, oaks, poplar, roses, blue spruce, sumac, willows, and witch-hazel. And plants favored by older larvae are red cedar, chestnut, hemlock, plum, pine, and spruce.

Deciduous trees can normally withstand one year of defoliation, but two or more successive years can result in moderate to high mortality. A tree can lose up to half its foliage before it begins to suffer. When more than half the foliage is consumed, however, the tree may produce new leaves in a process called 'refoliation' whereby it sheds its remaining leaves and, two or three weeks later, begins to produce new leaves This refoliation puts an enormous strain on the tree's food reserves and leaves the tree little chance of survival.

For the farm and homeowner who wants to destroy the moths, there are several options open other than just depending on the state's spraying program. Several insecticides are on the market now, and there are do-it-yourself non-chemical control measures being put into practice. Find some suggestions from the Pennsylvania Extension on this page

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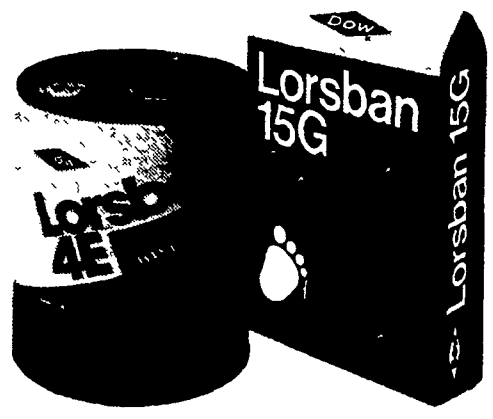

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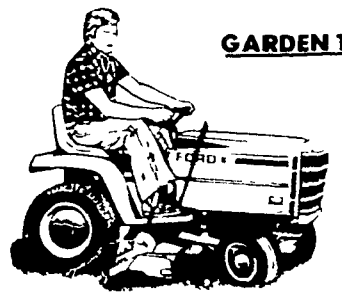

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At 72, Bob Lott still serves the soil

BY GINGER SECRIST MYERS
Staff Correspondent

BENDERSVILLE — Soil conservation has no better friend than Robert C. Lott, 72, owner and operator of Bear Mountain Orchards in Adams Co. States Lott, "I love the earth and I couldn't live in a community without being a part of it."

For over three decades Robert Lott has served the land and his community on conservation boards from the local district to a national directorship.

This year Lott will complete his second three-year term as a national director to the National Association of Conservation Districts. Lott is one of twenty-one national directors serving nationwide and represents the twelve-state Northeast region.

Lott's involvement with conservation originated out of neccessity. Gazing toward the main highway he remembers, "I came up that road out there 46 years ago with $18 dollars in my pocket and $500 in debts. I saw this farm for sale and decided I wanted to grow fruit here.

"I was 26 years old at the time and must have been too dumb to know better. This place was considered to be one of the worst wornout farms in the county. It had two and a half miles of fences that need to be cleared and gullies that were 150-feet wide. I don't think I would be involved in our natural resources today if I hadn't walked into such a worn-out situation."

Bear Mountain Orchards is hardly a worn-out farm today. Lott, his wife and his two sons and two daughters produce eight kinds of fruit on 400 acres and have an additional 400 acres of farmland and woodland.

Wrestling back the soil from nature included contouring 150 acres of the orchards, building nine ponds on the farm which are used for trickle irrigation, collecting runoff water and piping it into the ponds, and putting sod strips in all the acreage. Recalling the farm's original condition Lott chuckled, "I had to build up the ground in the front of the house 18 feet. The gullies around the house were so bad, we had water running throughout the house."

Lott considers himself a practical conservationist. He explained, "Thirty years ago if you said you were a conservationist, everyone looked at you a little funny. Then in the 1970s people went overboard and you were almost embarrassed to be called a conservationist.

Now we're swinging back to center, but it is the farmer who pays for those extremes. All the legislation that was passed during that time cost us money. The restrictions on spray materials is what the environmentalists wanted, but farmers pay the bills for it. Look at the gypsy moth situation now and how much that will cost us.

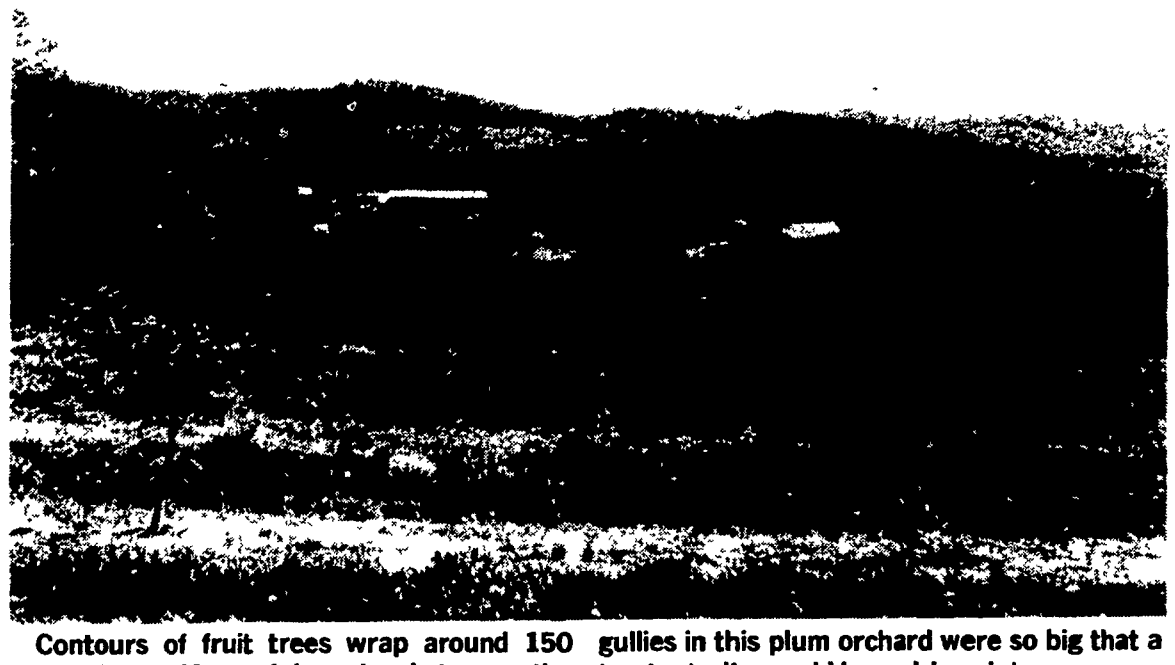
"Everyone wants to be involved in the conservation movement, but I'm not sure they're willing to pay the bill."

Some of the key concerns Lott sees brewing are the problems created by absentee landlords, pointing out that no one wants to take responsibility for land that he doesn't own. He also predicted water will come a greater issue in the Northeast, taking its cues from the experiences of the West and Midwest.

Lott said his greatest concern is educating the public on the value of land and water. Stated Lott, "The whole natural resource base — land and water — is what keeps us alive. Not one by itself, but the two together. We must do a better job of educating our younger generation that land and water are our two most valuable resources."

He continued, "Here in Adams

(Turn to Page A29)



Contours of fruit trees wrap around 150 acres of Bear Mountain's orchards to save the land from erosion. Lott remembers when the gullies in this plum orchard were so big that a tractor trailer could have driven into one.

Contour strips are still used on Bear Mountain Orchards steep hillside to control erosion. Diversion ditches also were added to the orchard — some of the longest ditches in the county.

Adams Co.'s Robert Lott, three decade conservationist, lives his testimonial that the water and land are the most important resource. Shown here with the trickle irrigation system in his orchards, Lott irrigates year round at ground level to conserve water.

Lott's land is so well terraced that even the roads are in steps. Here he points out one of the collection troughs he has in his orchard roads. These collect run off and prevent soil from eroding.

Robert Lott's home was built in 1801 and has been completely restored since the days when gullies channelled runoff water through the main floor. Lott added eighteen feet of fill in front of the beautiful stone structure.

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T.O.P.S.

THE ORTHO PARAQUAT SOLUTION

Harkin introduces 'Farm Crisis' bill

WASHINGTON, D.C. — U.S. Congressman Tom Harkin (D-Ia.) and a bi-partisan congressional "Farm Crisis Group" introduced legislation last Tuesday aimed at boosting farm prices by helping farmers bring the supply of farm products more in line with demand.

Key provisions of the emergency farm program the legislation would establish are meaningful production control, conservation, emergecny financial help for farmers in serious economic trouble, and more aggressive farm export marketing.

Harkin said the program would cost about $899 million less than the current farm program, according to an estimate by the Congressional Budget Office. The savings would primarily result from the production control provisions which reduce the total amount paid for over production in price support programs.

Harkin is a member of the House Agriculture Committee and chairs a key Agriculture subcommittee. He predicted prompt consideration for the legislation in committee and on the House floor.

"Even urban members, when they see farm bankruptcies at a 50 year high and real farm income dropping to levels not seen since the Great Depression know swift action is required," Harkin said. "I expect prompt and serious consideration for these proposals."

Some of the key points in the Farm Crisis Act of 1982 are:

— A national farm referendum, which would require 55 percent approval by the nation's farmers, would be held on a proposal to require farmers to designate 15 percent of their land for conservation purposes in return for a 10 percent increase in loan rates.

— A 5 percent diversion would be provided for the 1982 crop program.

— On-farm storage facility loan guarantees would be made available.

— A $1 billion Agricultural Credit Revolving Fund would be established.

— $600 million would be mandated for implementation of the Economic Emergency Loan Program.

— Congress would ask the Reagan Administration to begin immediately negotiating long term grain agreements with the Soviet Union.

— A White House Conference on Agriculture would be called.

Despite earlier refusals by President Reagan and White House aides to cooperate with the bi-partisan group in drafting the emergency farm legislation, Harkin said the Administration was beginning to show some interest.

State Grange announces new Holstein sale

HARRISBURG — The Pennsylvania State Grange is sponsoring a new type of cattle sale — an "Average Plus Production Sale" - of Holstein bred heifers and dairy cattle on October 7 at the Guernsey Sales Barn along Route 30, five miles east of Lancaster.

According to Charles Wismer, State Master, "an Average Plus sale is designed to help farmers market good productive animals - the type that will please the progressive dairyman." The Grange will serve as a direct marketing link between the farmer with surplus cattle to sell and the buyer who needs additional cattle for base milk.

"The Grange's entry into livestock marketing is part of our overall trend to revert back to an era of more member services," Wismer said. In 1878, the State Grange marketed livestock, horses and sheep.

"We feel we are providing a much needed service which may, in turn, help farmers to improve their overall economic positions," he said.

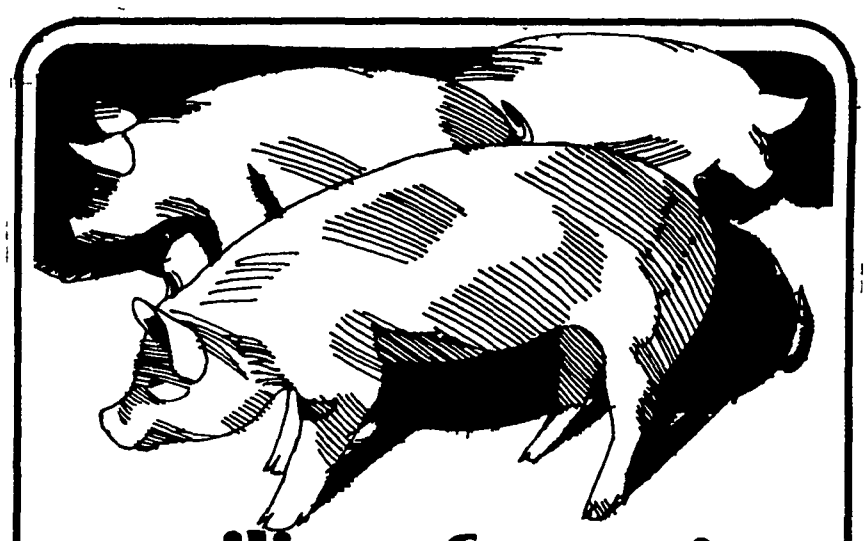
The deadline to consign is August 15, but consignments are being accepted now. The Grange encourages farmers who are interested to sign up early so selectors can arrange to come out and meet with them.

Requirements for animals are as follows:

- bred heifers, good grade Holsteins, springer and fresh cows are preferred;
- interstate health charts must accompany the animal;
- a three generation pedigree should be supplied, if possible;
- papers and signed transfers must accompany registered animals;
- good rope halters should come with each animal;
- feed, straw and paper clipping will be provided by the Grange.

For consignment and further information, contact J. Everett Kreider, Sales Manager, Rt. 2, Box 50-A, Quarryville, PA 17566, (717) 786-1545.

So we salute you DAIRYMEN



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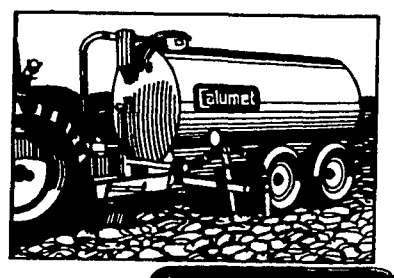

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Soil conservation politics subject of new SCSA book

ANKENY, Ia — The political struggle of putting conservation on the land is the subject of a new book published by the Soil Conservation Society of America

Release of Soil Conservation Policies, Institutions, and Incentives corresponds with growing public concern about soil erosion, concern magnified by the widening threat to cropland posed by rapid expansion of agricultural exports and by reduced federal funding for soil and water conservation

Soil Conservation Policies, Institutions, and Incentives provides a historical perspective of conservation efforts, especially public programs It presents a critique of the soil conservation policymaking process It examines the role of the various participants in conservation decisions It re-examines the rationale for public and private action to conserve soil Finally, the book evaluates alternative strategies to achieve conservation

Natural resource managers, administrators, academicians, and legislators, all of those people who debate, plan and implement soil conservation activities, should find the discussion timely, incisive, and comprehensive

Soil Conservation Policies, Institutions, and Incentives is available from SCSA, 7515 Northeast Ankeny Road, Ankeny, Iowa 50021 Single copies of the 330-page book are $6 postpaid A 10 percent discount is offered on orders of 10 or more copies

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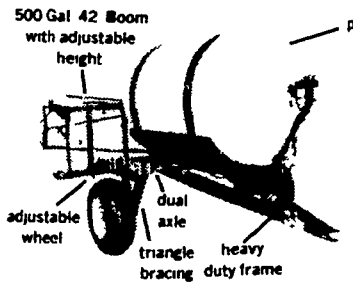

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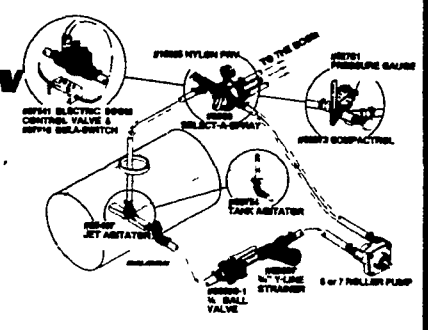
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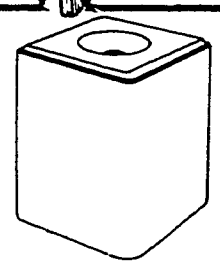
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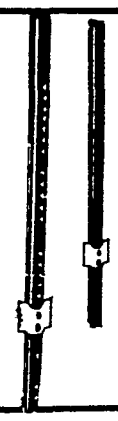

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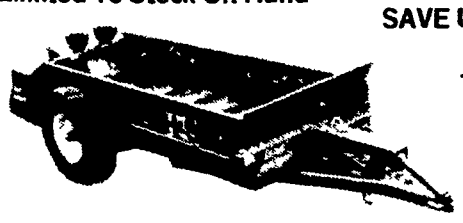

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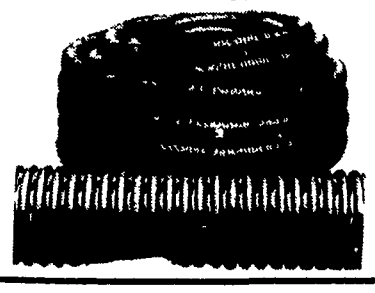
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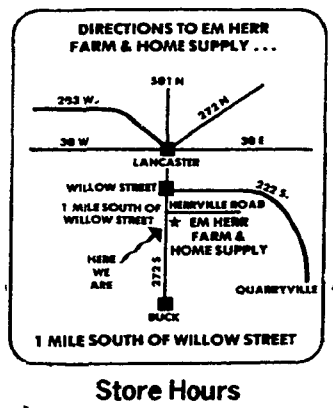

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Soil-saving is family tradition at Wagner dairy farm

BY DONNA TOMMELLEO

QUARRYVILLE — From afar, Bob and Joyce Wagner's dairy farm resembles an artist's study of lines and curves.

Ribbons of green cropland and plowed soil, interspersed with pasture, roll gently along the hills of southern Lancaster County.

But to the trained eye of a soil conservationist, the Wagner's 200-acre farm is a study in sensible, enduring soil-saving practices.

In honor of Soil Stewardship Week, May 16-23, Lancaster Farming visited the Wagners, a family that has practiced soil conservation for more than 40 years.

On May 31, 1941, Bob's father Howard became the 38th member of the county's conservation district, which was just a few years old and originated in Quarryville.

Although Bob wasn't around when his father began farming the land, he heard the farm was mostly "washed out and run down."

"I was told you couldn't hardly grow anything. It took the ground a few years to get producing," Wagner said.

But one gentleman didn't have to rely on hearsay to recall the early days.

"There were gullies all over it," remembers Abner Houseknecht, technician with the Lancaster County Conservation District.

Houseknecht remembers one large gully that measured more than 7 feet deep and gradually kept eating away more of a field. He explained that a stone dam was constructed against the side of the gully to prevent furthur erosion.

The dam was constructed, in part, by the Civilian Conservation Corps, a federal group born from the days of Franklin Roosevelt's New Deal. During its lifetime (1933-43), the CCC was dedicated to carry out projects that would save natural resources.

When Houseknecht first saw the farm, Howard Wagner had his corn and row crops plowed in large blocks but later alternated his crops in thinner strips. The LCCD technician also saw the addition of sod waterways and a number of diversion terraces.

Wagner's soil consists of Chester silt loam, Houseknecht explained. The fine soil is easily erodable, making sensible conservation practices a must. On the plus side, the soil ranks among the best for quality and contains very little rocks.

And Bob Wagner is well aware of the rock content or lack of it.

"I very seldom trip a plow," Wagner offered.

The younger Wagner, who is a director for the LCCD, has been farming the land, on his own, for the past 16 years and has since added changes to his father's farm.

Once McCreary Creek Farm, the sign that greets visitors these days is Bo-Joy Farm. Bob and Joyce combined their names for the prefix that would single their registered Guernseys out from all others.

With rows of strip tillage in the background, Bob Wagner and son Scott overlook a portion of his manure lagoon which was added to prevent manure in the feedlot from running into a nearby creek.

Bob, Joyce and Scott soak up some much needed shade during a humid spring day. Scott, 5, represents the third generation of Wagners on the Quarryville farm. Missing from photo is Steven, 10, who was attending school.

Howard Wagner switched from block plowing to strip tillage, a practice that Bob continues. In addition, Bob kept many of the existing terraces which fed into sod waterways. However, the Wagners' goal is to eliminate all sod waterways and replace them with pipe outlet terraces.

The terraces are portions of a plowed field which run across or follow the contours of a hillside. They act like a holding area or reservoir and slowly release the water, cutting down on water velocity and erosion, Bob explained.

With a pipe outlet, the water would be channeled through a 3 inch orrifice at the end of the pipe, furthur slowing down the run-off. Presently, the entire north side of Bo-Joy Farm is outfitted with pipe outlet terraces. Although adding all these practices to one's farm can be initially costly, Bob Wagner said he is interested in the long term benefits.

"I don't think soil conservation costs...I think it pays," he said.

While he doesn't employ no-tillage practices, Wagner explained he is working toward minimum till. With the exception of terraces, which have to be plowed to keep their correctness, Wagner said he discs nearly everything.

This year, the Guernsey breeder has 80 acres in corn, 10 in oats and 40 in alfalfa and orchardgrass. Wagner rotates his corn and hay crop about every four years.

About six years ago, Wagner added an earthen bank lagoon manure storage for two reasons. He wanted to prevent manure in the lot from running into the nearby creek. He has.

Secondly, he wanted to put manure on the fields when it was needed instead of every day dumping. He has and estimated the lagoon saves him approximately $3,000 to $4,000 a year in fertilizer costs.

Last year, manure provided him with sufficient fertilizer value. He tested his manure and found that 1,000 gallons provided him with 55 pounds of Nitrogen, 12 of Phosphorus and 30 of Potash. With the exception of a 10-20-10 starter fertilizer, Wagner used no plow-down fertilizer.

A commercial pullet house is also included in Wagner's operation and the future broiler breeders provide him with additional fertilizer. A test on the poultry manure revealed that 1,000 gallons would provide 65 pounds of N, 45 of P and 55 of K. Wagner explained those amounts are very close to requirements for 150 bushels of corn.

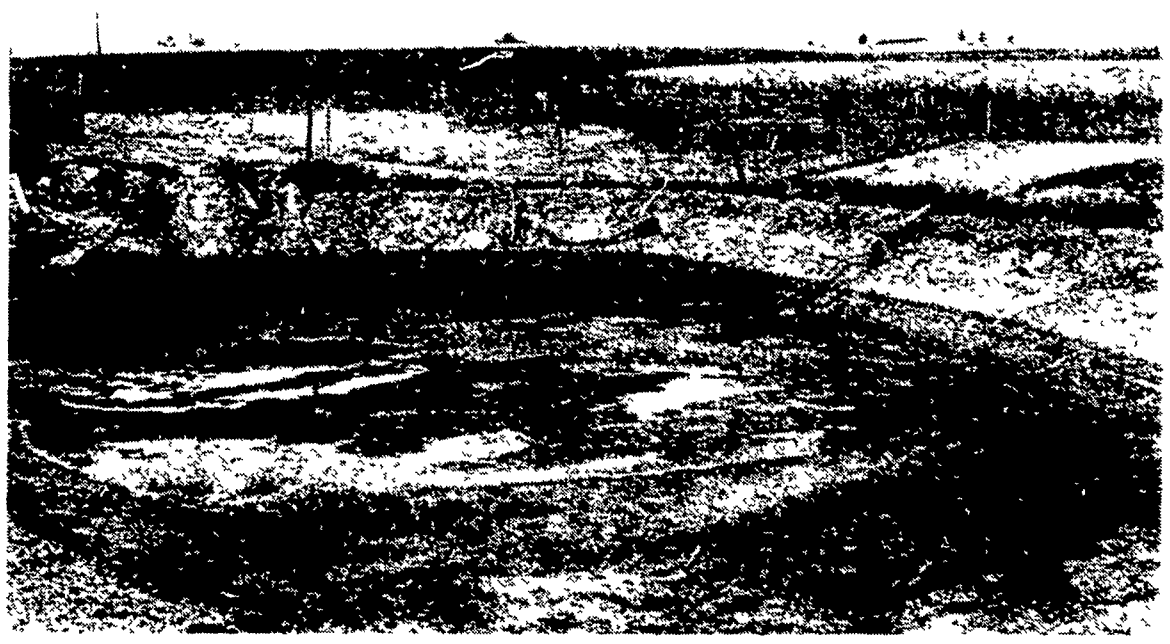
Wagner stressed the importance to soil test, frequently, especially when using all manure. He explained that often times Phosphorus and Potash levels can get too high.

"But any problems you have with P and K, an alfalfa rotation will soon get rid of it," he said.

And his 55-head of milking Guernseys help Wagner "get rid," of each year's crop in order to maintain their 11,400 pound rolling herd average with 570 pounds of fat. He feeds a blended ration of corn silage, alfalfa and grass haylage, high moisture corn and a 32 percent protein supplement. The mixture is geared for 45 pounds of milk per day and is available to the herd in feedlot bunks. Higher producers get an extra shot of a 20 percent protein feed in the double-four herringbone parlor.

The Wagner work force includes Bob, Joyce and sons Steve, 10 and Scott, 5. Little Scott said he couldn't wait to grow bigger so he could help out doing the thing he wants to do most — drive the tractor.

And from the seat of a tractor, first his grandfather and then his father took great pains when tilling their land to ensure the family farm would be around for the next generation.



Every fall, the Wagners pump from this earthen bank lagoon manure storage and inject the liquid manure into the corn stubble. Since he added the storage, Wagner estimates he has saved about $3,000 in fertilizer costs.

This is just one of several outlet pipes which helps drain Wagner's land. Before emptying into the 3 inch pipe, many of the diversion terraces emptied into sod waterways. Eventually, Bob Wagner said he hopes to have all terraces outlet into pipes.

U.S. ag trade development team to visit S.E. Asia

WASHINGTON, D.C. — A U.S. government-industry trade team will travel to five countries in Southeast Asia late in May and early June to promote U.S. agricultural exports.

Secretary of Agriculture John R. Block said the team, which will leave May 28 and return June 12, will comprise specialists in all aspects of the production, feeding and marketing of livestock and poultry. They will meet with high-level government and agribusiness officials in the Philippines, Indonesia, Singapore, Malaysia and Thailand.

The purpose of the trip will be to assess the potential for expanding sales of U.S. breeding stock and feedstuffs, to determine credit, infrastructure and other requisites for increased imports of these commodities, and to assure both government and private sectors of U.S. supply dependability, Block said.

"The countries to be visited already represent a significant market for U.S. agricultural exports, accounting for a total of $1.2 billion last year, and the potential for expanding these markets appears good."

"With this team, we want to demonstrate the willingness of both U.S. government and industry to work closely with government and industry in the host countries on mutually beneficial activities that will develop markets for U.S products," he said.

This will be the sixth government-industry team in a campaign launched a year ago to intensify U.S. market expansion efforts in developing countries with potential for market growth, Block said. The earlier teams, comprised of grain and soybean oil specialists, visited 14 countries in Africa, Latin America, and Middle East and the Far East.

Raymond D. Lett, executive assistant to the secretary, will lead the Southeast Asia team. The team roster has not been completed, but is expected to include USDA market development cooperators representing the feed grains, soybean, and livestock breeder sectors, and representatives of the poultry, dairy, swine, agribusiness consulting and grain handling industries

Grass sawfly attacks Delmarva wheat

NEWARK, Del. — The grass sawfly, found in Delaware and the eastern shore area of Maryland, is even more destructive to wheat than the armyworm, says University of Delaware Extension pest management specialist Mark Graustein. Most damage occurs in western Sussex and southern Kent counties, but the pest has been found in all three Delaware counties.

Graustein says the insects have already laid their eggs and the offspring are starting to emerge and clip the heads off wheat stalks. Wheat varieties with a few large heads usually suffer more damage than those with a greater number of smaller heads, according to the specialist.

Graustein says early evidence of sawfly damage is not always apparent. That's why it's important for growers to check fields carefully, particularly where sawfly populations tend to be highest — along field edges and in areas where plants are thick or growth is rank.

Check for sawflies in at least five locations in each field, including one or two near the edge of the field Hit the wheat stalks of two rows toward the innerspace between the rows. This will knock the caterpillars into the innerspace. At each location check five feet of row on either side of the innerspace. Grass sawfly caterpillars are pale green with dark brown heads, white faces, and eight pairs of prolegs (middle legs).

A field should be treated to control grass sawflies if an average of two or more caterpillars is found per five feet of row innerspace. Graustein says Lannate or Nudrin at two pints per acre or Parathion at ¼-½ pits per acre have provided good sawfly control in the past.

For further information on grass sawflies, contact the county extension office in Newark, Dover, or Georgetown. Ask for the free fact sheet, "Control of the Grass Sawfly."

Lamb sale sets records

INDIANA — The initial All-Star Club Lamb Sale featured record prices on May 1 at Indiana, Pa.

Fifty-three lambs averaged $103.49, the highest average for a consignment club lamb auction in the state.

The top selling lamb set another record with a selling price of $360 for a club lamb. The Hampshire lamb was consigned by Blu-Acre Hampshires of Lancaster. The lamb was purchased by the Kuzemchak family of Centre County.

The second highest selling lamb, consigned by Champion Acres of Champion, brought a price of $170. This lamb was purchased by Jean Cornish of Ford City. Harold Lee of Vandergrift, sold the top selling Suffolk lamb on a bid of $160. This lamb also went to Centre County and sold to David Harpster of Boalsburg. Dirk Wise of Spring Mills sold another Hampshire lamb to the Kuzemchak family at a price of $150. Elvin Yeagley, of Elizabethtown purchased the top consignment of Pete LeVan of Bellefonte for $110.

The 53 lambs sold into Pennsylvania, Maryland, and Ohio. The sale was managed and sold by Ken Brubaker of Brubaker Livestock marketing, West Chester.

Wayne Beef Assn. meets Tues.

HONESDALE — The Wayne County Beef Cattlemen's Association will meet on Tuesday evening, May 18 at 8 p.m. at the Beach Lake Fire Hall (Small Meeting Room) in Beach Lake.

Clare Linde, president of the Wayne County Beef Cattlemen's Association, will conduct the regular monthly business meeting. Also a report from the Beef Marketing Committee will be heard.

Featured speaker at this beef meeting will be Dr. Henry Nebzydoski, local veterinarian from Whites Valley. Nebzydoski will be discussing "Spring-time Beef Herd Health Programs and Management".

All beef producers are encouraged to attend this informative meeting.

Please contact the Wayne County Extension office at 717/253-5970 ext. 114 for additional information

Bob Lott

(Continued from Page A24)

County we have such a difference of thinking and topography. We have the fruit industry, the tourist industry, and general farming. Each has its own interests and we need to educate each other about our special needs."

Robert Lott's peers have given his ample opportunity to take the conservation message to the public and even to Washington, D.C. Lott, a Master Farmer, has served on the State Horticulture Association, the Pennsylvania Farmers Association, State Association Research and Legislation Committee, Preservation of Agricultural Land Committee, and several others.

His efforts have not gone without recognition He has received the Certificate of Achievement Award from the United States Soil Conservation Service and the Kiwanis Club Agricultural Achievement Award. He has been awarded membership in the agricultural honorary Gamma Sigma Delta, and in 1968 was named Conservationist of the Year by the Pennsylvania Association of Conservation District Directors, Inc

Lott has some immediate concerns for the agricultural community, but, when viewed through the eyeglass of experience, he predicted brighter days ahead. "The economy of the American farmer today is so bad, he can't afford to put in some of the sound conservation practices that we have. I don't see a bright picture for American agriculture with the economy's downturn.

"Our greatest hope is to increase our exports. I think the Reagan Administration is on the right track.

"Agriculture is so much more efficient than industry. We have to get people to be more productive. American farmers certainly are And once we get this economy turned around, we'll have an even greater potential for agriculture here in America."

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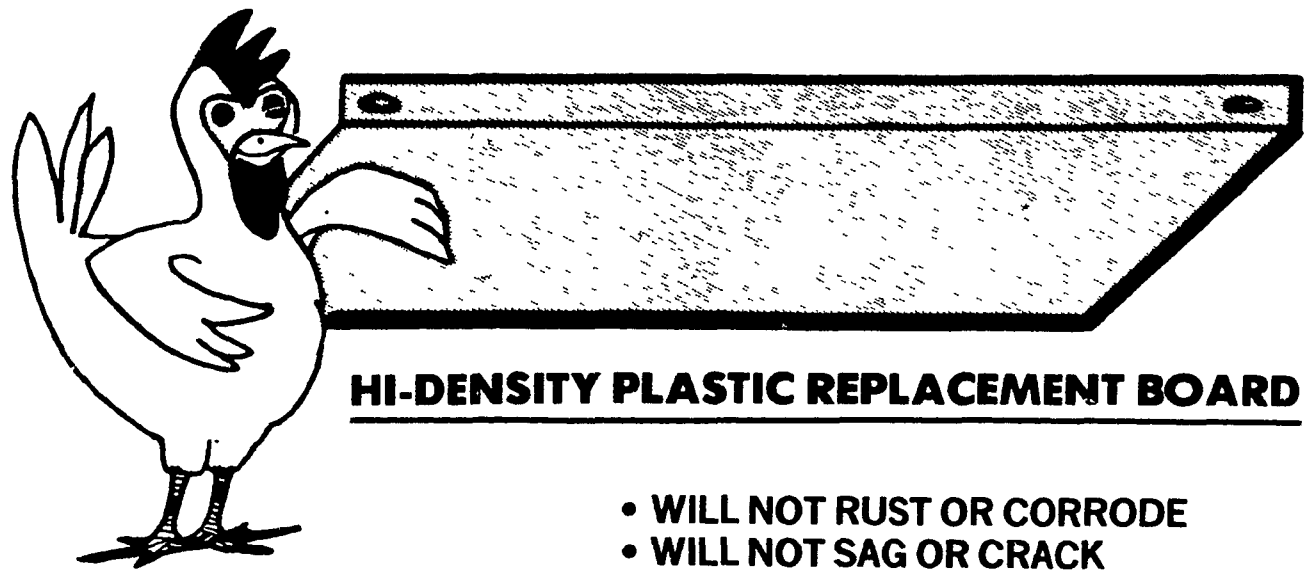

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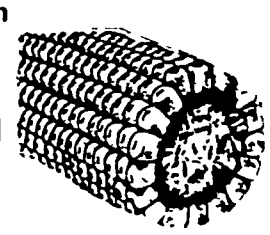

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Block's dairy plan

(Continued from Page A1)

minimum price support level was included in the plan.

Delano found no fault with the proposal's guidelines to urge the Food and Drug Administration as well as the dairy industry to consider improving milk standards.

"Raising the standards would enhance the flavor of fluid milks and would be a means of utilizing a considerable volume of non-fat solids," he said.

Robert McSparran, president of Inter-State Milk Producers' Cooperative expressed his opposition of Block's request and defended the current price support program.

"The dairy price support program has operated effectively to insure an adequate supply of milk and dairy products to the American consumer," McSparran said.

"Subjecting each year's price to the whims of personalities and budget would create an intolerable level of uncertainty in the dairy industry," he continued. Block's program, said McSparran, could result in excessive reduction in production as dairy farmers are forced out of business, triggering higher consumer prices.

"We have proposed legislation, through the NMPF, that would assure consumers of adequate supplies while trimming federal budget expenditures and maintaining freedom of choice for dairy farmers in managing their operations," McSparran noted.

National Farmers Union president George Stone commended the USDA for finally exploring ways to make worthwhile use of existing CCC dairy stocks at home and overseas, but warned that, "these efforts will fall short of keeping pace with the accumulation of dairy products by CCC as long as the Reagan recession and the cutbacks in food stamp benefits continue."

However, Stone had no accollades for Block's request of total price control.

"This amounts to throwing out a program which has worked well for 33 years, simply because of a temporary situation," he charged. "Such a move will hurt both farmers and consumers, while doing precious little about CCC dairy program costs."

There were no surprises and very little that was new, said Edward Andersen, Master of the National Grange. The Secretary is seeking the same descretionary authority in setting price supports levels for milk as he did in the Administration's farm bill in 1981, Andersen noted. Congress, the dairy industry and the Grange rejected the idea then and Anderson said he doesn't see it happening now.

Andersen said relying only on cuts in the price support level which would reduce the dairymen's net returns is like reducing the minimum wage due to a temporary surplus of labor.

"Labor wouldn't stand for it and neither will the nation's dairymen," he said.

With the exception of the proposal to give the agriculture secretary unlimited authority to adjust prices, the National Farmers Organization supports the basic proposals and goals of an emergency dairy plan.

"The plans for expanded distribution of CCC owned milk products through both domestic and foreign programs are justified," said NFO president DeVon Woodland.

"National Farmers welcomes the Secretary's renewed efforts to reexamine the use of casein imports used in food products and any action of this government to reduce the amount of casein coming into our markets.

"We believe that all dairy farmers must participate in a supply management program to reduce the amount of milk going into CCC stocks. National Farmers is actively pursuing a program to accomplish this by reducing the number of producing cows," Woodland explained.

During the recent Kansas City dairy symposium, the NFO proposed a program that requires each dairy farmer to cull 10 percent of his milking herd over the next six months.

They furthur recommended that the federal government participate in this program by offering dairy farmers an incentive of $200 per cull cow. According to NFO dairy spokesman Lindsey Leiser, the program would cost the government approximately $300 million while saving them about $2 billion in not having to purchase the finished product.

Leiser also noted extra beef on the market, caused by increased culling, would be equivalent to 25 percent of all foreign beef imports.

In addition the NFO included a long-range plan to prevent the overproduction dilemma from recurring.

The plan includes increasing the support price to $14 on October 1, 1982 and adjusting CCC prices accordingly. At the same time, all casein products imported for food usage should be halted, since one pound of casein displaces three pounds of powdered milk in manufacture of imitation cheese.

The NFO criticized existing base and excess plans because of an insufficient spread between the base and excess prices. Instead, the organization proposed that a base and excess plan be incorporated in each Federal Order and recommended that the excess price be not greater than 25 percent of the base price.

Approximately 70 percent of the milk produced is pooled under the Federal Milk Market Order program. By using the various Federal Order, the NFO explained, the base and excess could be established on the basis of how much milk is needed for fluid consumption compared to what is produced in that particular order.

The NFO also called for government regulation, if necessary, of manufactured-grade milk and milk marketed under State Marketing Orders. Bases would be established by using a three-year average production of each producer reduced by the amount of production not needed for domestic consumption.

The proposal also asked for establishment of a "Dairy Parity Index," to reflect accurate changes in production costs. Based upon such changes, the support price would be increased or decreased and adjusted semi-annually on the first day of April and October of each succeeding year.

Farm Calendar

Sunday, May 16

Soil Stewardship Week begins. Theme: A Time for Tenacity.

Annual convention of Pa. Assn. of Milk Dealers, Hotel Hershey.

Monday, May 17

Western Bradford County NEBA meeting, 8 p.m., Greg Zander's farm.

Feeder Pig Show and Sale, Lancaster Stockyards, show at 4 p.m., sale at 7 p.m.

Tuesday, May 18

Wayne County Sheep Shearing School, 9 a.m.-4 p.m., fairgrounds, continues tomorrow.

Wayne County Beef Cattlemen's Assn., 8 p.m., Beach Lake Fire Hall.

Wednesday, May 19

Eastern Bradford County NEBA meeting, 8 p.m., Extension Office, Towanda.

Public Milk Meeting, 8 p.m., Risser's Restaurant, Rt. 422, Stouchsburg, sponsored by NEDCO and Cleona Co-op.

Thursday, May 20

Mid-Atlantic States Veterinary Clinic, York Fairgrounds.

Friday, May 21

Md. Angus Spring Sale, 6:30 p.m., Frederick, Md. Fairgrounds.

Saturday, May 22

Delaware Dairy Goat Assn. First Spring Show, Harrington, Del. Fairgrounds, continues tomorrow.

Greene County Sheep & Wool Field Day, 10 a.m.-4 p.m., fairgrounds, Waynesburg.

Take time for soil testing

COLLEGE PARK, Md. — May is a good month for farmers to do some special types of soil sampling, notes V. Allan Bandel, Extension fertilizer specialist at the University of Maryland.

It's not too late for sampling the top two inches of soil in no-till cornfields to see if an adjustment needs to be made in soil pH.

This is also the season for checking fertility and pH levels in alfalfa fields — usually after the first cutting of hay in late May or early June.

Finally, late spring is a good time to check fertility levels in permanent pastures — especially those seeded to tall fescue and other warm-season grasses. A soil test now would permit a spring and fall split application of fertilizer in accordance with soil test recommendations

Bandel notes that the few dollars you spend for a soil analysis could save considerable expense in unnecessary fertilizer and lime application. And the modest investment might easily repay you many times over in bigger crop or forage yields.

For each field that you wish to test, pick up a soil sample kit at your county Extension office. The kit will have instructions for taking soil samples.

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Quantity	Description	Container Wt	Sale Price
	SLICED APPLES W/SUGAR	8 lbs	$ 6 97
	BLACKBERRIES	5 lbs	6 44
	BLACK RASPBERRIES	5 lbs	6 97
	CULTIVATED BLUEBERRIES	20 lbs	20 44
	DARK SWEET CHERRIES W/SUGAR	30 lbs	22 28
	RED TART CHERRIES W/SUGAR	30 lbs	32 97
	RED TART CHERRIES, IQF	5 lbs	8 16
	MIXED FRUIT, IQF	20 lbs	19 97
	NORTHWEST FRUIT MEDLEY, IQF	12/1 lb	22 90
	SLICED PEACHES W/SUGAR	30 lbs	21 62
	SLICED PEACHES, IQF	5 lbs	5 97
	LARGE WHOLE STRAWBERRIES, IQF	20 lbs	22 48
	SLICED STRAWBERRIES W/SUGAR	30 lbs	26 93
	SLICED STRAWBERRIES W/SUGAR	6½ lbs	7 49
	APPLE JUICE CONCENTRATE	24/12 oz	19 98
	CRANBERRY JUICE COCKTAIL CONC	24/12 oz	26 96
	GRAPEFRUIT JUICE CONCENTRATE	24/12 oz	20 93
	GRAPE JUICE CONCENTRATE	24/12 oz	18 98
	HAWAIIAN PUNCH CONCENTRATE	24/12 oz	24 91
	LEMONADE CONCENTRATE	24/12 oz	13 99
	ORANGE JUICE CONCENTRATE	24/6 oz	13 47
	ORANGE JUICE CONCENTRATE	24/12 oz	23 52
	ASPARAGUS CUTS & TIPS IQF	10 lbs	16 99
	CUT GREEN BEANS	12/2½ lbs	19 33
	BABY LIMA BEANS	12/2½ lbs	25 96
	FORDHOOK LIMA BEANS	12/2½ lbs	26 76
	BROCCOLI CUTS	12/2 lbs	17 46
	BROCCOLI SPEARS	12/2 lbs	19 96
	BRUSSELS SPROUTS	12/2 lbs	18 94
	CAULIFLOWER	12/2 lbs	20 94
	WHOLE KERNEL CORN	NOT AVAILABLE	
	BREADED MUSHROOMS	2/5 lbs	15 98
	FANCY SLICED MUSHROOMS	2/5 lbs	14 98
	GARDEN PEAS	12/2½ lbs	19 97
	WHOLE LEAF SPINACH	12/3 lbs	16 94
	MIXED VEGETABLES	12/2½ lbs	19 90
	PLAIN DELI BAGELS	18/6 pk	15 74
	DONUTS - JELLY	12/6 pk	13 44
	FRENCH FRIES	12/2 lbs	13 71
	SHOESTRING FRENCH FRIES	12/20 oz	10 96
	POTATO PUFFS	12/2 lbs	15 96
	THOMAS ENGLISH MUFFINS	12/12 pk	17 93
	BREADED ONION RINGS	8/2 lbs	15 66
	PIZZA SLICES (CHEESE)	60/3 oz	14 65
	FRENCH BREAD PIZZA	24/5 oz	13 67
	REGULAR WAFFLES	12/16 pack	13 48

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550	4'0"	6'0"	10	549	198.00
550	4'0"	6'0"	7	751	241.00
1,000	4'0"	10'8"	10	827	291.00
1,000	4'0"	10'8"	7	1,129	358.00
1,000	5'4"	6'0"	7	1,028	333.00
1,500	5'4"	9'0"	7	1,388	447.00
2,000	5'4"	12'0"	7	1,735	546.00
3,000	5'4"	17'11"	7	2,432	736.00
4,000	5'4"	23'10"	7	3,130	929.00
5,000	8'0"	13'7"	1/4"	4,484	1645.00
6,000	8'0"	16'2"	1/4"	5,123	1800.00
8,000	8'0"	21'6"	1/4"	6,475	2230.00
10,000	8'0"	26'10"	1/4"	7,825	2660.00
10,000	10'0"	17'0"	1/4"	6,956	2405.00
12,000	10'0"	20'6"	1/4"	8,074	2800.00
12,000	10'6"	18'7"	1/4"	7,900	2690.00
15,000	10'6"	23'2"	5/16"	11,857	4000.00
20,000	10'6"	31'0"	5/16"	15,105	4993.00
25,000	10'6"	38'7"	3/8"	22,115	7875.00
30,000	10'6"	46'4"	3/8"	25,999	9125.00

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3,000	5'4"	17'11"	7	2,312	300.00
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72	115V w/meter	14-15	356.00
73	115V, same as Model 72 w/o meter	14-15	275.00
1820	115V w/meter, w/cabinet	14-15	396.00
1820K	115V, same as Model 1820 w/2 units, Keytrol	14-15	491.00

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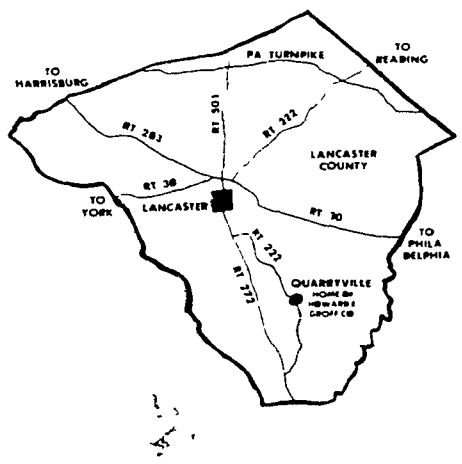

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Seed protectant is good planting investment

LANCASTER — Seed is especially vulnerable to soil-borne organisms when soil is too cool or wet for quick germination With the trend to more surface residue on the soil and to early corn planting, thorough seed coverage with good protectants takes on considerable importance to anyone planting a crop

Most hybrid corn and sorghum seed marketed by established producers is fungicide-treated before it is bagged This provides a protective film around the seed to help ward off diseases after planting Captan is the most commonly used fungicide for corn and sorghum seed.

Soil inhabiting insects are another hazard to planted seed Seed corn maggots, seed corn beetles, wireworms, and thief ants are the more common problem insects

An insecticide applied to seed just before it is planted can provide a great deal of stand assurance at low cost Diazinon and lindane seed treatments are the most common university-recommended materials

Diazinon planter box seed treatments are registered in most states to help protect corn against stand reduction by seed corn maggots and seed corn beetles Cost of material will vary from about 40 cents to 75 cents per acre, depending on application and seed planting rates

Lindane can be used on corn, sorghum, sunflower and several other crop seeds in several states to protect against seed corn beetles, seed corn maggots, and wireworms during germination The product also helps deter thief ants, kafir ants, and false wireworms Cost of material varies from about 50 cents to 75 cents per acre for corn and 5 cents to 25 cents for sorghum, depending on seeding rate

Generally it is not considered necessary to use a planter box insecticide if an organo-phosphate is being applied over the row or in the furrow at planting With this exception, the cost of added stand protection afforded by a planter box seed treatment is very low, considering the total investment in planting a crop

E-town Fair adds dairy goats

ELIZABETHTOWN — This year the Elizabethtown Fair will be adding a new show to its fair

A dairy goat show will be available to exhibitors. The American Dairy Goat Association Official Show rules will govern this show

Eleven classes will be included in this year's show. They are. Alpine, LaMancha, Nubian, Saanen, Toggenburg, Recorded Grades, and Best Doe of all breed to be judged.

Breed classifications will consist of Doe under 4 months, Kid 4 months old and under 1 year, Doe 1 year old and under 2 in milk, Doe 1 year old and under 2 not in milk, Doe 2 years old and under 4 years, Doe 4 years old and over, Get of Sire, Produce of Dam, Milking Herd, Best Doe bred by exhibitor, and Best udder in show

A separate dairy goat tent will be provided. Entries for the fair goat show will close August 1 Premium books will be available by July 1 at selected locations.

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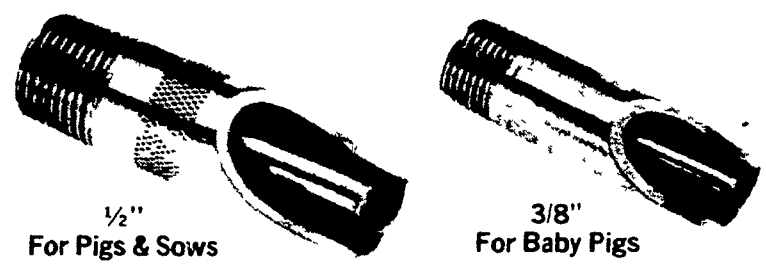

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Fine weather moves fieldwork ahead

HARRISBURG — Fine weather over most of Pennsylvania during the week ending May 9 allowed farmers to quickly move ahead with spring fieldwork, according to the Pennsylvania Crop Reporting Service.

All three regions of the state reported six days suitable for farm field activities which included plowing, spreading lime and fertilizer, chopping rye, spraying fruit trees and planting oats, corn, alfalfa, potatoes and soybeans.

Statewide, soil moisture was rated mostly short to adequate. All reporters in the northern region rated soil moisture as short. In the central region, 73 percent rated it short, and 27 percent rated it adequate, while in the southern region, 91 percent rated soil moisture adequate and nine percent rated it short.

Plowing in the Commonwealth was rated as 72 percent complete compared with 80 percent last year. In the northern region plowing is 75 percent complete, while in the central region it's 67 percent complete. Plowing in the southern region was rated as 76 percent complete.

Seeding of oats is ahead of last year with 87 percent sown statewide compared with 86 percent last year. In the northern region 82 percent of the crop is sown, while in the central region 91 percent is sown. In the southern region 84 percent of the crop is sown.

Planting of potatoes is 56 percent complete compared with 61 percent last year. The northern region reported 53 percent of the crop planted. The central region reported 54 percent planted, while the southern region reported 60 percent of the potato crop planted.

Statewide, 27 percent of the corn crop is planted compared with 28 percent at this time last year. In the north 20 percent of the crop is planted. In the central region 18 percent is planted, while in the south 40 percent of the corn crop is planted.

The winter grains continued mostly in the pre-boot stage. However, 13 percent of the barley crop is booted compared with 18 percent last year, and nine percent of the wheat crop is booted while at this time last year 11 percent was booted.

Peaches are reported as 30 percent in pink stage, and 68 percent in full bloom or past. Cherries are reported as 28 percent in pink stage and 72 percent in full bloom or past, while apples are reported as 39 percent in pink stage and 55 percent in full bloom.

Both alfalfa and clover-timothy stands were rated good to fair statewide. The amount of feed obtained from pasture was rated below average by 50 percent of our reporters, average by nine percent.

Greene Co. host sheep field day

WAYNESBURG — A Sheep & Wool Field Day, sponsored by the Green County Sheep and Wool Growers Association, will be held Saturday, May 22nd from 10 a.m. to 4 p.m. at the Greene County Fairgrounds, Waynesburg, PA. The fairgrounds is located just west of I-79 at the Waynesburg Exit.

The program will include:

- 10:30 and 2:30 - Working Sheepdog Demonstration;
- 11:30 - Sheep Blocking Demonstration;
- 12:15 - Leadline Contest;
- 1:30 Dr. Paul Lewis, Professor of Animal Science at West Virginia University.

Lunch will begin at 11:30 with a lamb menu. The following demonstrations will be held throughout the day: sheep equipment; knife sharpening; management demonstrations; sheep shearing; sheep to shawl demonstrations.

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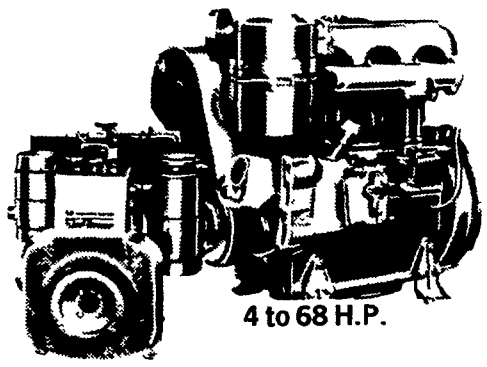

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Road kill deer numbers down in Pa.

HARRISBURG — More than 24,000 deer were reported killed on highways in Pennsylvania in 1981, according to the final statistics compiled by the Game Commission.

The 24,699 figure is down from 26,772 reported in 1980, and well short of the record 29,914 picked up by Game Commission personnel in 1975.

The 1981 figure includes only those animals removed from the state's highways by conservation officers and/or deer from which permits were issued.

Prior to 1980, Game Commission personnel picked up all deer killed on Pennsylvania highways. Starting in 1980, motorists were permitted to take the carcasses if permits were issued by game protectors.

In 1981, regulations were further liberalized to permit motorists or vehicle passengers to salvage deer if they notify wildlife officers within 24 hours and make arrangements to secure a permit.

Leading counties in highway deer kill last year were Butler with 966; Bucks, 886; Westmoreland, 875; Venango, 791; and Luzerne, 757.

Total recorded deer mortality in the state last year, other than those taken by hunters, came to 31,793, about 1,600 less than the figure for 1980.

Dogs killed a reported 547 whitetails last year. In Susquehanna County they killed 87 deer—in Somerset and Bradford counties, dogs pulled down 33 whitetails; in Elk County, they took 26; and in Erie and Jefferson Counties, they accounted for 21.

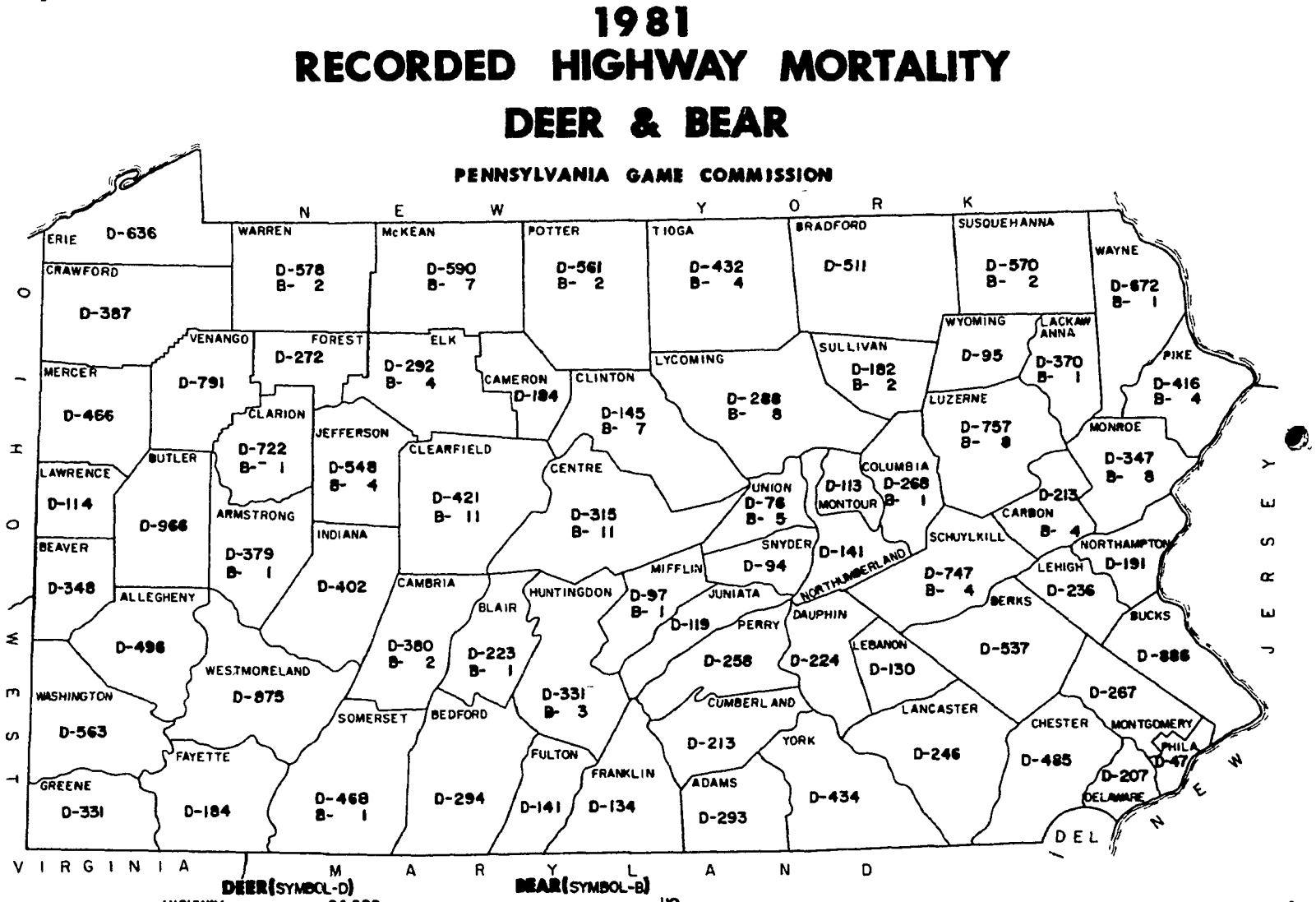
In 1981 there were 1,251 deer reported killed for causing crop damage, slightly more than the 1,129 which were reported the preceding year.

Last year game protectors recorded 4,646 illegal deer kills, an increase from the 4,333 chalked up in 1980.

The number of bears killed on highways remained constant in Pennsylvania last year. In 1981, vehicles took the lives of 110 bruins, the same number as in 1980.

There were 26 illegal kills of bears recorded last year. Another 31 were killed for damaging crops. No bears were reported killed by dogs in 1981, the first time in years—and there were 12 other incidents of bruin mortality.

Total out-of-season bear mortality for 1981 was 179, compared to 180 in 1980.



Delaware goat breeders slate spring show

HARRINGTON, Del. — The Delaware Dairy Goat Association invites the public to its First Annual Spring Show May 22 and 23, at Harrington Fair Grounds, Harrington, Delaware.

An Open Buck Show, Junior Doe Show, and Senior Doe Show, will be held along with an official ADGA milking competition.

The show will be held in an enclosed building with large stalls. Campers are welcome and hookups are available at $8 per plug.

Restrooms and hot showers will be open Friday night thru Sunday.

The association will serve hot homecooked meals for breakfast, lunch, and dinner. Snacks, sodas, and coffee will also be available.

For more information please contact Show Secretary - Deborah I. Vickers, RD#1, Box 192, Laurel, Delaware 19956 or call after 5:00 PM at 302-875-2548.

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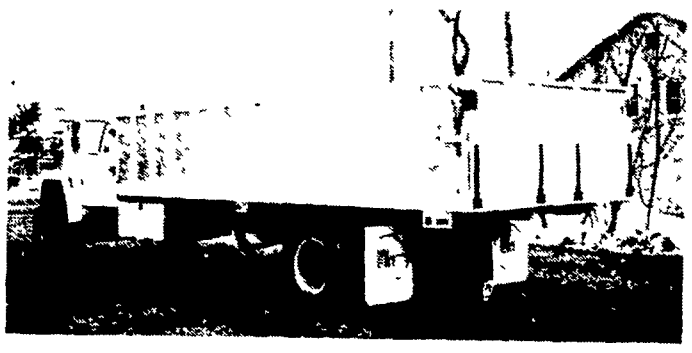

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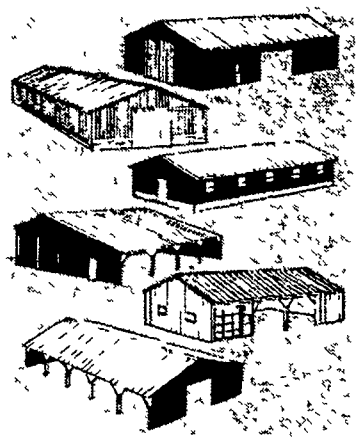

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Livestock Marketing Assn. calls P&SA task force report "self-serving"

WASHINGTON, D.C. — Livestock Marketing Association told a House oversight hearing on the Packers and Stockyards Adminstration's Task Force report on regulatory review that the report was "entirely self-serving of the interests of the Agency."

Appearing before the House Agricutlure Subcommittee on Livestock, Dairy and Poultry here Tuesday LMA spokesmen advocated enactment of several measures to modernize and reform current federal regulation of the marketing sector.

The nation's livestock marketing businesses, LMA General Manager C.T. 'Tad' Sanders told the Subcommittee, should have "the freedom to go forward under good business judgement."One of his major criticisms of the P&SA report was that it rejected any idea of "self-governemnt by businesses subject to the Act."

LMA has a comprehensive Code of Business Standards and Practices for its subscribing businesses, which number about 1,700 across the U.S. and Canada, he said.

Fifteen LMA subscribers, all active in their own marketing businesses, also appeared before the Subcommittee.

Sanders said the oversight hearing "is of great importance to the entire livestock economy, of which the marketing sector is a key part." He pointed to a recent survey done for LMA which shows that the volume of livestock marketing transactions in the U.S. last year totalled 233.9 million head, with a value of $53.7 billion.

Marketing law reform affecting an industry of this size should encompass these points, Sanders said.

- The enactment of measures currently before both the House and Senate that would greatly stiffen penalties for a variety of livestock marketing frauds. These measures are part of LMA's "Crime Prevention in Livestock Marketing" campaign.
- Establishment of livestock trust accounts in place of the currently mandated custodial accounts. The trust accounts would require a marketing business to pay livestock owners with a bankable instrument upon completion of their sales transactions
- Safeguarding packers and marketing businesses from double jeopardy who unknowingly sell mortgaged livestock.
- Establishment of a "simple appeal procedure" from decisions made by the U.S. Department of Agriculture's Judicial Officer. LMA wants U.S. federal district courts to have appeal authority, rather than the U.S. Circuit Courts of Appeal.

Sanders was critical of the Task Force report on several points in addition to its lack of reliance on the marketing sector's ability to police itself.

The report, he said, would give the P&SA administrator abitrary authority over what marketing businesses and dealers to register under the P&S Act. It would also impose on the business the burden of disproving the administrator's determination that they are "unfit" to engage in livestock marketing.

The LMA spokesman also criticized proposed changes in P&S bonding requirements, saying they would bring about "even greater inequities than presently appear, and lessen (the) small measure of financial stability that (currently) exists under bonding requirements."

P&SA has proposed dropping the bonding requirement for dealers doing less than $500,000 in business annually.

This tactic — claiming future savings based on a proposal not finally enacted — "destroys the credibility of the report," Sanders said.

Representing LMA at the hearing were President Franck D. Diercks, Gordon, Neb., Livestock Laws Reform Commission Chairman J D. Branscome, Grenada, Miss.; Livestock Marketing Forum Chairman James. P. Seabeck, Spokane, Wash., and Futures Market Board Chairman Richard L. Nock, Templeton, Cal.

LMA subscribers in attendance included Ellington Peek, Cottonwood, Cal ; Dan Williams, Siler City, N.C.; Tom Schoelerman, Spencer, Ia.; Hatch Smith, Llano, Texas; Allen E. Bachman, Grand Island, Neb.; John Peterson, Albia, Ia.

Other subscribers were Robert W. Aalbers,Colfax, Ia.; "Pinky" Sellers, Hamlin, Texas; Joe Hathoot, Texarkana, Texas; Ron Browning, Palmyra, Mo., and Ray Henderson, Mitchell, S.D.

In addition to Sanders, LMA executive officers attending were Associate Managers Bruce J. Johnson and Dennis Casey; Washington Executive Counsel Dennis R. Braddock, and Ernest Van Hooser, of the Kansas City law firm of Deas, Van Hooser & Olsen, P.C.

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Sale consists of: **OAK 3 PC. BEDROOM SUITE**; Round china w/claw feet, washstands, Round oak table w/pedestal Base; dressers; side-by-side desk; spool cabinet; **S-ROLL TOP DESK W/RAISED PANELS**; C-roll top desk, drop leaf table, kitchen cabinet w/flour bins & Sugar jar; extension table w/crank; **SELLERS 4 GLASS DOOR KTICHEN CABINET; WASHSTAND W/MIRROR & TOWEL RACK;** ice box-3 door; commode; sq. table; oak high sideboard; library table w/lg. round legs; **SOFT WOOD & MISC; 2 PC. DUTCH CUPBOARD W/SPOON RACK 9 GLASS SINGLE DOOR, 1 DRAWER & 1 DOOR ON BOTTOM;** jelly cupboard; dry sink; **2 PC. CORNER CUPBOARD;** wardrobe; **WALNUT SPOOL CABINET;** rope bed; plank bottom rocker; **WALNUT FARM TABLE 2 DRAWERS;** blanket chest; carpet rocker; **GRANDFATHER CLOCK-SIGNED;** childs roll top desk & chair; new roll; **BRASS CANNON BALL BED;** wicker baby carriage; Curio cabinet gold quilted; etc.; **GLASSWARE; DEPRESSION;** 83-pc. of pink & green cherry blossom pattern; pink cherry blossom pitcher w/pattern all over; 21 pcs. Noritake-Tree in meadow pattern; 23 pc. Nippon azalea pattern; 10 pcs. or more of carnival glass; Germany, Bavarian bowls, pressed; pattern; vasaline glass; etc.; **DOLLS;** Bisque signed A-6M; Horshman; etc.; **MISC. ITEMS:** baseball cards; patch quilts; imported oriental rugs; decorated crocks & jugs; redware crocks; wood patterns; 1-6 ft. wood gear; **COPPER APPLE BUTTER KETTLE; COPPER WASH BOILER;** tinware; many items arriving daily - a large sale.

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Left to Right: Son Randy, Clarence & Nancy Kulp

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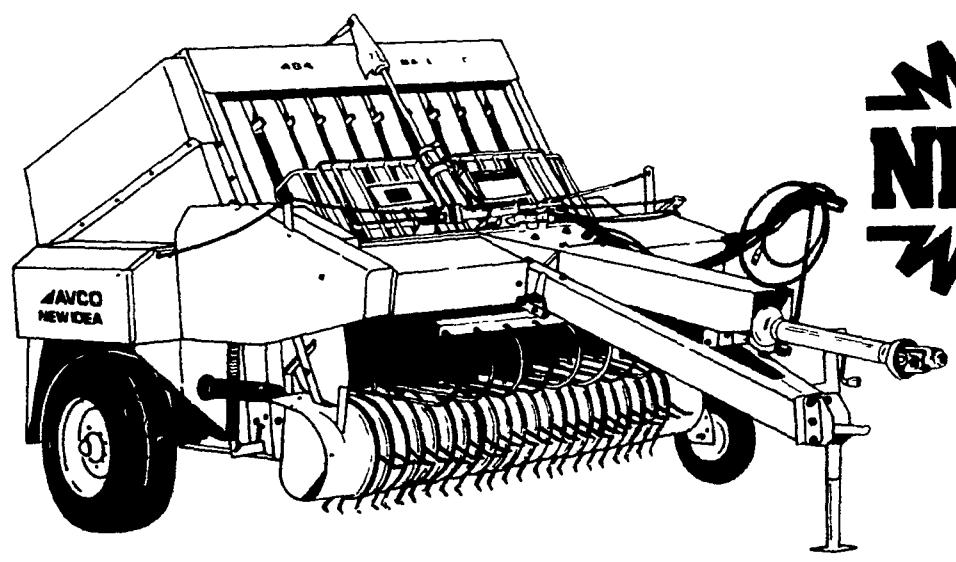

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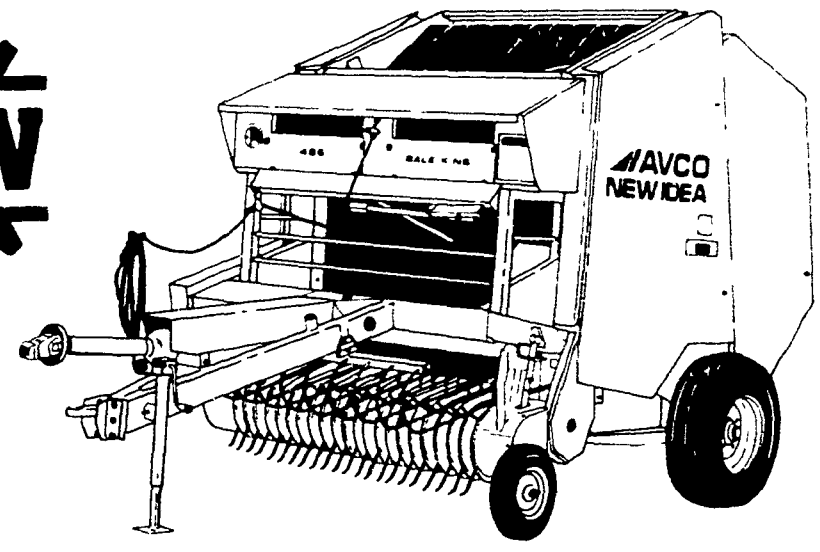

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For this sheep enthusiast

Show ribbons inspire unique quilt

BY SALLY BAIR
Staff Correspondent

An heirloom and a drawer full of show ribbons inspired Mrs. Warn G. Menhennet, R1, Cochranville, to create a unique quilt and a useful reminder of her successful hours in the show ring.

Annette Menhennet is well-known on the sheep show circuit for her registered Shropshires and has done well over the years. But like many showmen, she began to wonder what to do with all those colorful ribbons, ranging from the blues and purples signifying the best to the more colorful ribbons further down the line.

Several years ago she made the decision to fashion these beautiful show ribbons into a quilt. Annette says, "It was not an original idea. I read about it somewhere." Today she has a beautiful single bed-sized quilt.

"One thing that inspired me to do the quilt is that I have a quilt my grandmother made." Annette relates. The quilt, well-worn and still used, was made from flannel samples which her grandfather used to take orders for shirts made in his midwestern shirt factory. It is a lovely reminder of his occupation and that simpler time. "I feel like I'm carrying on a tradition," Annette says.

Quickly asserting that she is not a seamstress, Annette says that the quilt is completely hand sewn and was basically constructed as she went. She began by making the center square, and proceeded in each direction. Annette combined the ribbons carefully so that the place of the show and the year they were won are easily seen on the finished product.

Blue ribbons were used for the border, and also for making a strip through the center, in combination with the reds. Championship ribbons were used at specific places on the quilt. Annette says, "There is quite a variation in sizes of ribbons - some are tiny, some are fat. There is no pattern - I just picked out the ribbons I had available."

She says with a laugh, "I'm probably the only person who went to a show and said, " 'I just have to win a brown or a green ribbon.' "

While she began the quilt about four or five years ago during a World Series, she literally could not finish it until January of this year because she needed additional ribbons which she won at Farm Show.

The earliest date of a ribbon is 1969, but the locations vary from the local Goshen and Kimberton Fairs to the New England Wool Growers Show and the Maryland State Fair.

After all the hard work and memories which went into the quilt, Annette is now ready to package it and mail it to her niece's daughter who is eight years old and living in Melbourne, Australia. This child helped collect some of the ribbons when she visited this country two summers ago, so will recall some of the locations named on the ribbons.

Annette says, "I think it will be interesting to her as an American who lives abroad."

Since her ribbons were all won for showing sheep, Annette carried through her support for her product and used all wool batting for the quilt, and woolen yarn for the ties.

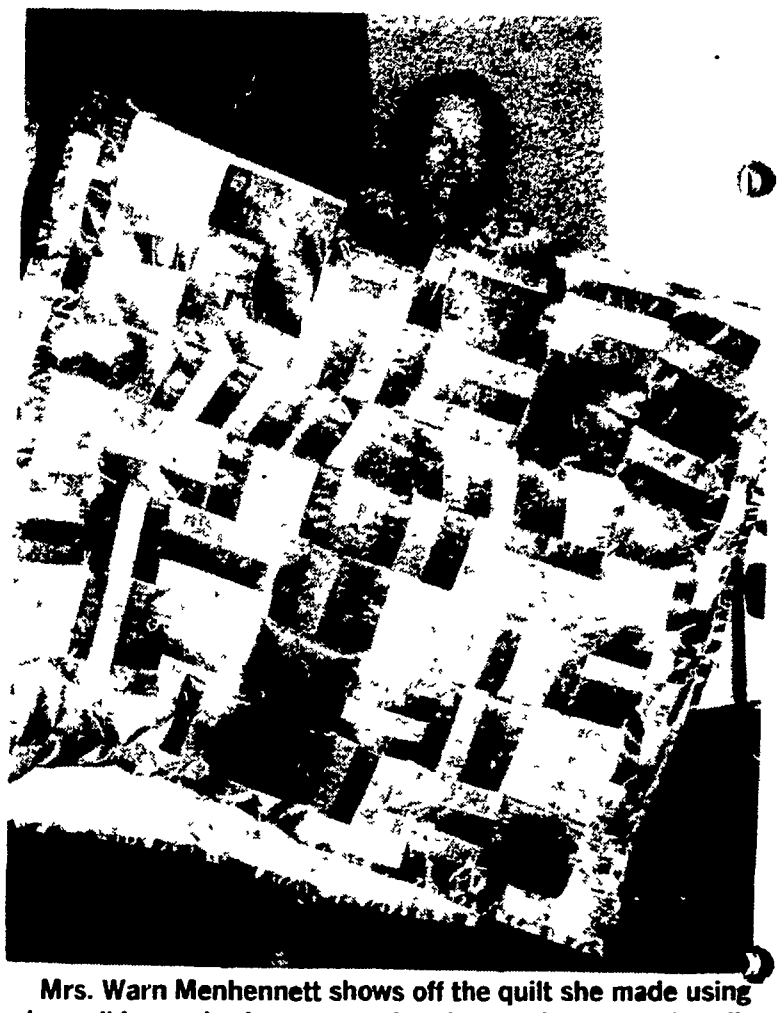
Annette pointed out that the ribbons are more durable than most people think. "I washed some which had become soiled and they came out fine." She notes that washing in cold water with a mild soap is one way to rescue those ribbons which fall or have been partially eaten by some interested show animal.

She admits that she has a few unused red and blue ribbons which are now in a drawer and will be joined by others as the show season progresses. As for now she has no immediate plans to use her next crop of ribbons.

Annette's primary work is raising the flock of 100 sheep she and her husband keep on their Chester County farm. She sells breeding stock and market lambs as well as marketing the wool from the flock. She said, "The best ones are selected and performance tested and registered for breeding stock."

She and her husband chose to raise sheep after returning from a two-year stay in India. She recalls, "We did considerable study on what to do to make the land most

(Turn to Page B4)



Mrs. Warn Menhennett shows off the quilt she made using show ribbons she has accumulated over the years. A quilt made by her grandmother was part of her inspiration for the task.

Homestead Notes

Annette Menhennet and her visitor from New Zealand, Warn Menhennet check out the fleece on one of Annett's registered Shropshire sheep. There are differences in the sheep raised here and those raised in New Zealand on the Sarginson sheep station, Bill says.

New Zealand sheep producer visits Menhennetts

BY SALLY BAIR
Staff Correspondent

COCHRANVILLE — Twenty-one-year-old Bill Sarginson was born and raised on a sheep "station" in New Zealand so it was natural when he came to this country to visit a friend at Swarthmore that he also wanted to meet some sheep farmers.

The Chester County Extension Office referred Bill to Mr. and Mrs. Warn Menhennett at Cochranville and through them, he has become acquainted with raising sheep in this country.

There are some basic differences in the operations he has observed here and the ones he's familiar with in New Zealand, but Bill considers it all a worthwhile learning experience. He says, "Farming is essentially a collection of skills. Everything you learn is helpful - you can always learn."

Home for Bill is a "high country sheep station" in New Zealand with 4,500 ewes, 2,500 wethers and 2,000 replacement sheep. Bill says, "Shearing is the important thing." They raise Merinos, a breed of sheep which produces a very dense wool. He adds, "They are difficult to shear."

He calls his home and average farm, adding, "The only thing that makes our place stand out is that it is so far back." Their station is located two-thirds of the way down the South Island, and is in the middle of the Island, backing up against mountains. Bill says, "It is 16 miles to the nearest neighbor." "There are 60,000 acres, all of which are leased, and Bill says on that sort of station it is typical to lease the land.

Two people are needed in their sheep operation in the winter and three or four are needed in the Summer. Bill has a brother who helps on the farm with his father, and the two of them alternate so that one can travel as Bill is doing now.

When it is shearing time, professional shearers come to do the job. Shearing is done around September 14, which is pre-lambing for the New Zealand sheep. Bill plans to return to his country around the first of October, which will get him back in time to help with lambing. Last year five men sheared 1000 sheep a day.

Asked about differences in practices, Bill says, "We never feed corn - that is unheard of. We do feed a little hay. We winter our replacements on hay and turnips." Ewes get hay and turnips for a month to six weeks before lambing Bill points out.

Bill notes "We grow grass. That's what we feed sheep." He points out that some wheat and barley are grown and fed there, but "it's not normal."

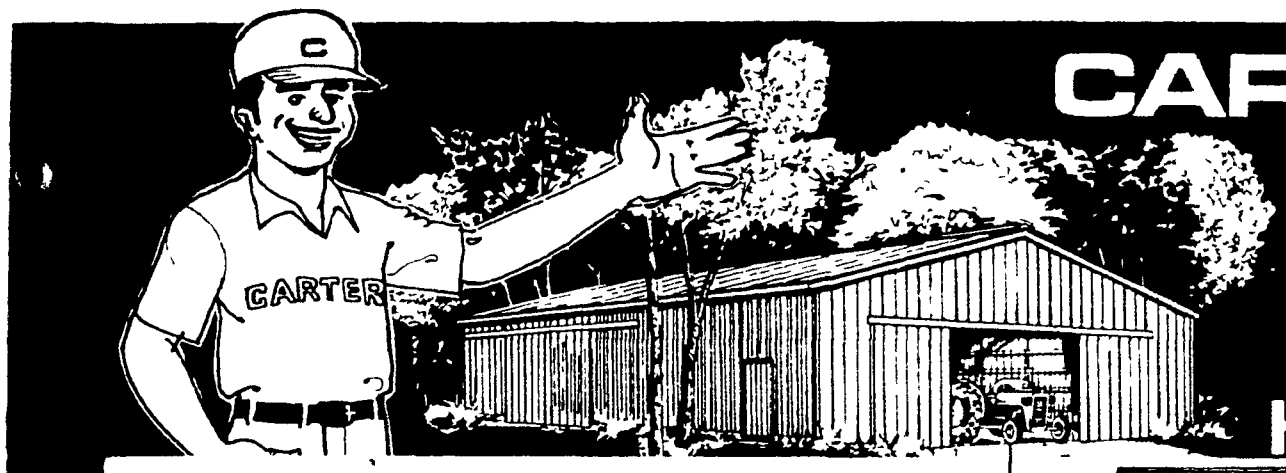
One reason for the prolific grass crop is that despite four months of frost in the morning, the frost is gone by noontime. "You can get a warm spell and the paddocks will freshen up anytime," he says.

Asked if he eats much lamb, he says with a smile. "At least twice a day. We have a Christmas ham and that's about all."

The lamb eaten in New Zealand is called mutton, but when pressed, Bill says, "I don't know when it changes from lamb to mutton. The flavor of our meat is much stronger than here." He obviously enjoys the more flavorful meat.

He also points out that food is more expensive in New Zealand than here, noting, "We would never dream of having things out of season. We only eat tomatoes and lettuce in season."

(Turn to Page B5)



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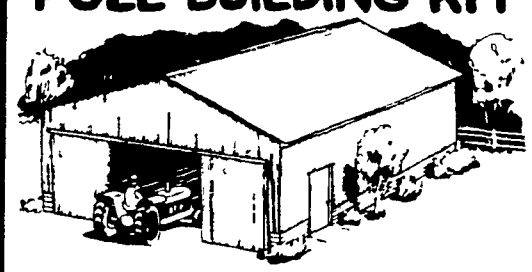

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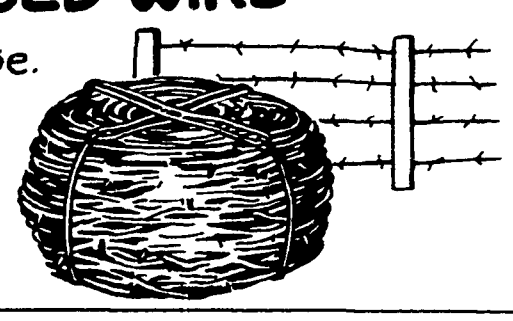

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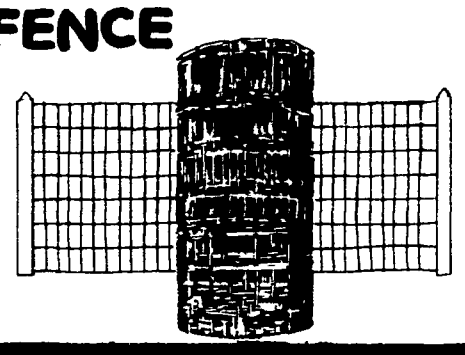

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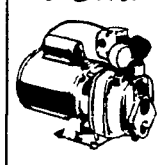		
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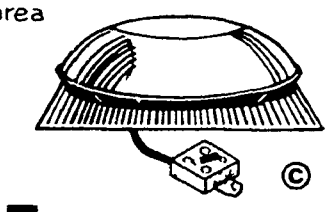

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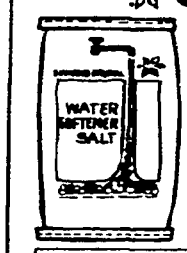

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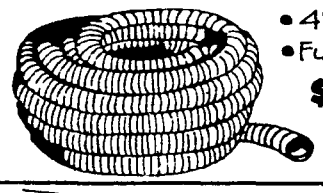

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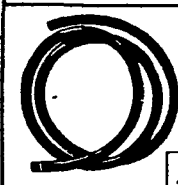

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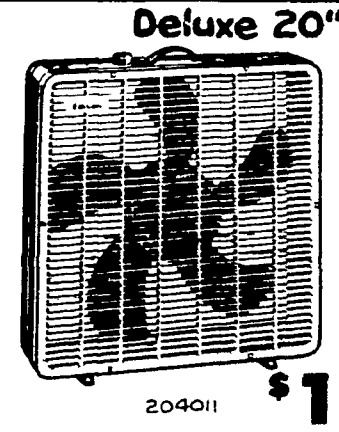

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Show ribbons inspire quilt

(Continued from Page B2)

productive." She feels her rolling hills are ideally suited for a grazing ruminent, although they have found that the soil is extremely deficit in molybdenum, so they supplement that.

One big reason for getting sheep, Annette says, "I could handle them." She then recalls some advice about getting sheep, "Don't get more sheep than your wife can handle."

She points out, "There are seasons where you are very busy, but it is not as confining nor demanding as dairying."

The Menhennets grow corn and alfalfa, and Annette says, "Haymaking is usually my project. I cut and condition the hay and bale it and I get a crew to bring it in."

Their first sheep were purchased in 1967, and they have made great strides since then. Annette keeps "very extensive records on loin eye, back fat and rate of gain" to use as a selection tool. "We have tried to be scientific in our method of selection and we have made good progress."

While she shows extensively, Annette says candidly, "I have serious doubts about the validity of shows. The criteria used there is not what's important to the sheep industry. The challenge of the purebred is not in winning in the show ring, but in gaining genetic improvement." Nevertheless, she does plan to continue showing because she feels its important for a seller of purebred stock to participate.

Annette markets her wool directly to a wool broker, primarily because she shears in the fall instead of the more traditional springtime shearing. "The sheep take less room in the barn and they are cleaner," she says.

Studies show that lambs from sheared ewes are heavier and more vigorous at birth, and Annette says, "I think that's true." Part of the reason is the metabolism of the sheep, who tend to eat more when sheared in the fall.

Asked about difficulty of birthing, Annette says, "We select away from birthing difficulties very scrupulously."

The Menhennets eat a lot of lamb, but Annette says, "I'd like to eat a lot more." She said she often saves two or three lambs for their personal use but ends up selling one to someone else.

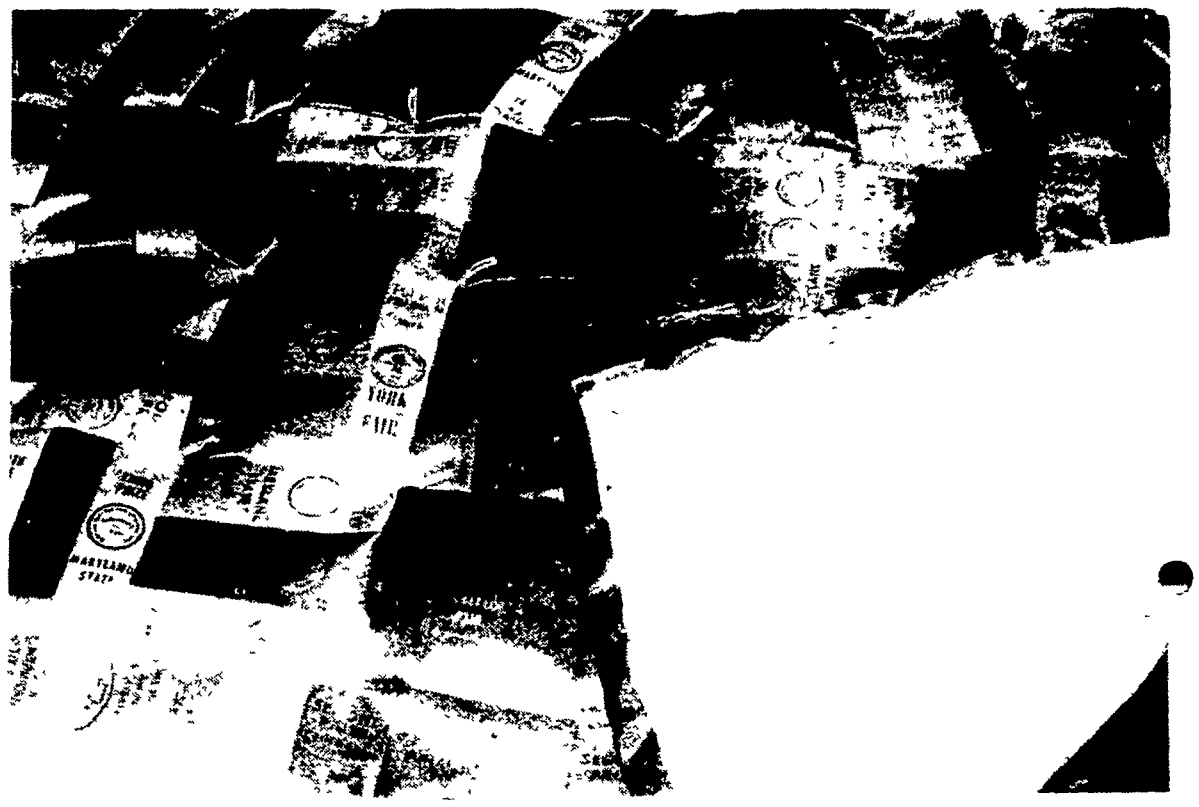
About lamb, she says, "It is flavorful, different in taste and a nice change from beef and pork." She points out that it is supposed to be lowest in cholesterol among red meats.

Basically sheep growers are not fulfilling the demands for lamb, and much lamb purchased is imported from New Zealand. "We don't produce enough lamb. Studies show the potential for the demand is there, but the supply does not exist, especially in this area. The sheep industry is constantly being criticized by packers for not having a steady supply of meat."

While a housewife may look at a big leg of lamb and say it is too big for her family, Annette says the sirloin end can be cut into steaks for broiling and the other end will make a roast just right for 3-4 people.

Annette is equally enthusiastic about her other product - wool. "It can be a marvelous fabric in hot weather. It breathes and absorbs moisture." But she's no purist, saying, "It's nice to think of using polyester and wool blends, because of its washing ability." And she points out that new methods of treatment are now making 100 percent wool washable.

Sheep are Annette's livelihood, and she will always promote and use all their products - from the wool and meat to the ribbons they win for her in the show ring.



This quilt is made entirely of show ribbons won by Mrs. Warn Menhennet over the years of showing her registered Shropshire sheep. Annette stitched the entire quilt by hand, designing as she went to combine colors and sizes in a pleasing design. The ribbons are stitched so that the year and the place of the show are displayed. She used wool batting and wool yarn for the ties.

Danger down on the farm

LANCASTER — Thousands of farm tractors in Pennsylvania are in the fields for the massive task of planting crops.

A few suggestions offered by the Pennsylvania Agricultural Safety Council and the U.S. Department of Agriculture are:

— Keep children off and away from farm machinery.

— Thoroughly train young operators. Supervise them until you feel they are competent and will operate safely.

— Discourage young operators from horseplay, showing off and "hot rodding" the equipment. Don't let them take buddies along for the ride.

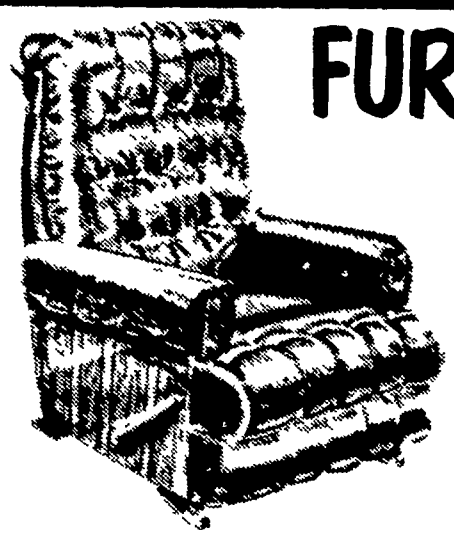
— Permit only qualified operators to drive equipment on highways. The operator must know and obey traffic laws and respond correctly in an emergency.

— Older persons should operate equipment with extra care to compensate for slowed reaction time, poor vision and less energy.

— Avoid operating when ill, very tired, or taking strong medicants that alter alertness.

— Take occasional work and refreshment breaks to fight fatigue.

— Consider equipping the tractor with a comfortable protective cab. If you choose not to invest in a cab, a basic protective frame along with a buckled seat belt will help prevent serious injury in case of a side of backward flip.



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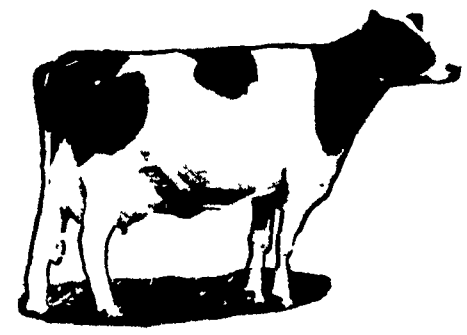

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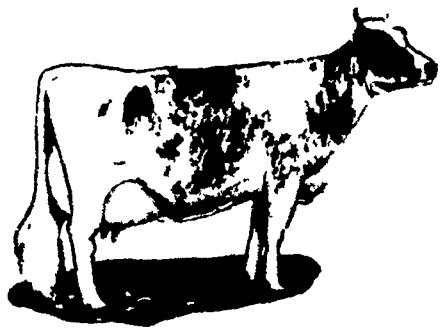

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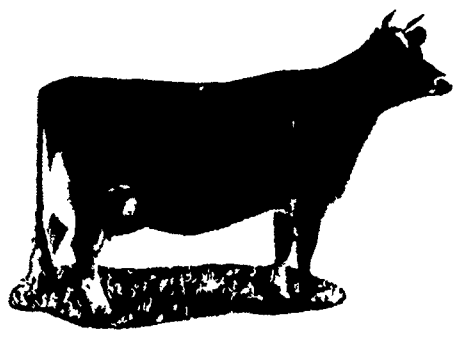

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(Continued from Page B2)

The expense, of course, comes from the high cost of importation. Bill points out, "Everything is imported." All machinery, cars and other manufactured goods must come from elsewhere, adding to the cost.

The Sarginson's also have a herd of 200 Herefords, whose calves they sell at six months. Bill says, "The cattle are used as a management tool for grazing Pasture management is a big thing We move the ewes about every two to three days. The Herefords will graze grass that is too long for sheep."

The beef cattle are fattened on grass. Bill points out that about 10 years ago feed lots were developed in New Zealand, but adds, "They all went bankrupt."

Agriculture is an important mainstay of the New Zealand economy. Dairy products are one of the agricultural products, along with beef, sheep and timber, of which a lot is exported.

The wool from their sheep is marketed on the world auction market. Bill explains, "Because of the volume we market it straight from the farm to the auction to the world dealers."

Bill's primary education took place at home, because of his great distance from schools, although he says, "It is very much uncommon now Most homesteads are reasonably close to schools."

His schooling took place with one brother and one sister under the guidance of his mother, a former school teacher, two grandparents who were former school teachers, and governesses who tutored the children

Bill went to boarding schools for secondary education, but says of the 100 students in the school only three were there because of the remoteness of their homes.

Bill acknowledges that the two places he visited in this country are very different from his home because they both have been purebred operations Nevertheless he has picked up many ideas from reading American sheep magazines and from observing

He says he is enjoying his visit to southeastern Pennsylvania where he shares in the chores when he is at the Menhennets and just enjoys being close to sheep For Bill the trip os part of his total education, and is providing those lifetime skills which prove invaluable in any future career

---

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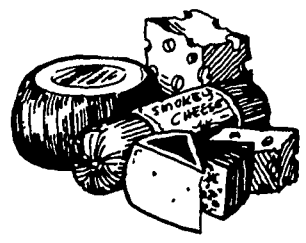
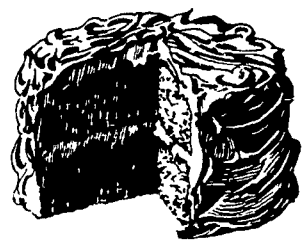


Home On The Range



May is egg month!

"The incredible edible egg," says the campaign. And it's true. An egg is one of nature's most perfect foods, and May is the time to recognize this protein and vitamin-packed food.

Eggs are an excellent substitute for meat. Just two eggs give you the same protein as one three ounce serving of lean meat, or half of your daily allowance from the meat food group. It is also a rich source of vitamin A and one of the very few sources of vitamin D.

Two delicious dishes included in this week's "scramble" of recipes, are "Scrambled Eggs Verde" and "Mushroom-Egg Quiche."

The Verde is perfect for the warming weather when it's hard to beat using a skillet for supper. The dish includes green onions, Green Goddess salad dressing and parsley flakes with regular scrambled eggs

The Quiche is an elegant dish to serve, and this particular one features the delicious mushroom.

Happy Egg Month!

EGG SALAD

1/4 c. mayonnaise
1/4 c. finely chopped onion
1/4 t. pepper
1/2 c. finely chopped celery
2 t lemon juice
1/2 t. salt
6 hard-cooked eggs, sliced
4 lettuce leaves

Blend together mayonnaise, lemon juice, onion, salt and pepper. Reserve 4 slices from center of 1 egg for garnish. Chop remaining eggs Stir chopped eggs and celery into mayonnaise mixture until moistened throughout Cover and refrigerate until ready to serve. For each serving, spoon about 1/2 c. egg salad onto a lettuce leaf. Garnish with reserved egg slices.

MUSHROOM-EGG QUICHE

1 baked pie shell
1/2 lb. fresh mushrooms, sliced
1/4 c. sliced green onions with tops
1 T. butter
1 c. shredded Swiss cheese
4 eggs
1 c. half and half or milk
1/4 c. grated Parmesan cheese
1/2 t. salt
1/8 t. pepper

In large omelet pan or skillet over medium heat, cook mushrooms and onions in butter until mushrooms are lightly browned, 6 to 8 minutes. Spread mushroom mixture evenly in pie shell. Sprinkle Swiss cheese over mushroom mixture Beat together remaining ingredients until well blended. Pour over mushroom mixture and cheese

Bake in preheated 375 degree oven until knife inserted near center comes out clean, 30 to 40 minutes. Let stand 5 minutes before serving.

SCRAMBLED EGGS VERDE

8 eggs
1/4 c. chopped green onion with tops
1/4 c milk
1/4 c. bottled Green Goddess dressing
1/2 t. parsley flakes
1/4 t. salt
2 T. butter
1 avocado, peeled, sliced

Mix all ingredients except butter and avocado until blended. Heat butter in medium omelet pan or skillet over medium heat until just hot enough to sizzle a drop of water. Pour in egg mixture. As mixture begins to set, gently draw an inverted pancake turner complete across the bottom and sides of pan, forming large soft curds. Continue until eggs are thickened but still moist. Do not stir constantly Garnish with avocado slices

MEXICAN DEVILED EGGS

6 hard-cooked eggs
1/4 c. shredded Cheddar cheese
1/4 c. taco sauce
1/4 t. chili powder
pitted ripe olives, sliced

Cut eggs in half lengthwise. Remove yolks and set whites aside. Mash yolks with fork Blend in remaining ingredients except olive slices. Refill whites using about 1 tablespoon yolk mixture for each egg half. Garnish with olive slices, if desired.

GOLDSTRIKE DRINK

1 egg
1 c. orange juice
1 T. honey, optional

Combine egg, juice and honey, if desired; beat or shake until well blended. Pour into tall glass. Serve at once. Makes 1 serving.

BAKED OMELET

8 large eggs
1/2 c. commercial sour cream
1/2 t. salt
1 c. shredded sharp cheddar cheese
2 T. butter, melted

Beat together the eggs, sour cream and salt until blended; stir in the cheese. Pour into a 1 1/2 quart buttered 10x6x2 inch baking dish. Drizzle with butter. Bake in a preheated 350 degree oven until puffed and set, about 20 minutes. Tilt dish to distribute butter on top. Makes 6 servings.

GOLDEN GRILLS

6 hard-cooked eggs, chopped
1/2 c. chopped cooked ham
1/3 c. finely chopped onion
1/4 c. shredded Swiss cheese
2 T. sweet pickle relish
2 T. mayonnaise or salad dressing
1/2 t. salt
12 slices rye bread
butter

Thoroughly combine all ingredients except bread and butter. Lightly butter 1 side of each bread slice. Place 6 slices on baking sheet with buttered side down; spread each with approximately 1/2 c. filling Top with remaining bread slices buttered side up. Grill on griddle or in skillet over medium heat until toasted on both sides or bake on baking sheet in preheated 400 degree approximately 5 to 8 minutes or until golden brown. Turn and bake an additional 5 to 8 minutes.

SOUR CREAM CUSTARD SAUCE

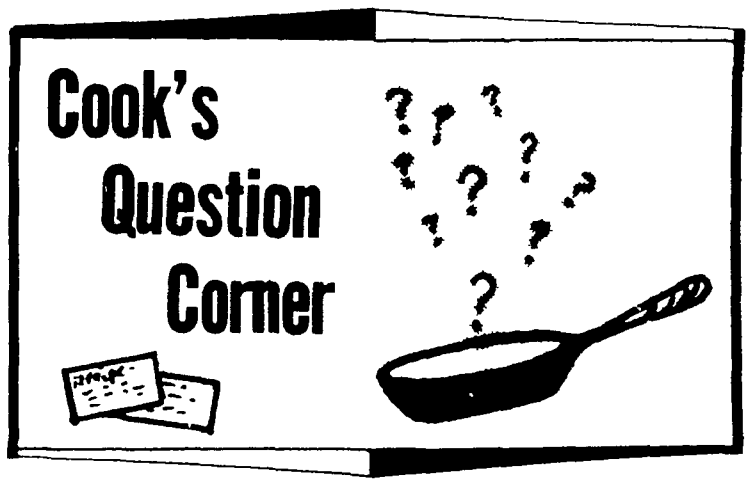
For use over strawberries!

4 eggs
1/2 c. sugar
1/4 t. salt
1 c. milk
1 c. dairy sour cream
1 1/2 t. vanilla

In medium saucepan, blend together eggs, sugar and salt Gradually stir in milk. Cook over low heat, stirring constantly, until mixture thickens and just coats a metal spoon. Cool quickly by setting pan in bowl of ice or cold water and stirring for a few minutes. Stir in sour cream and vanilla Cover and refrigerate Chill thoroughly

Scrambled Eggs Verde

Mushroom-Egg Quiche



QUESTION — Cooks, we still need some help with the following request: When I was a young girl in Iowa, my mother used to put up a sweet dill pickle which I believe they called a "Gherkin." I asked my husband to plant some of these but have found it impossible to purchase any such seed. Can anyone advise me as to whether this midget pickle is called a "Gherkin" and if so, where can I purchase it? Also, I would like to have a recipe for this sweet/sour spiced pickle, if any of your readers can supply one.

Helen Huber, Harborton, VA

Recipe Topics

May	
15	Eggs
22	Honey
29	Gelatin molds
June	
	Dairy Recipes

Dairy Recipes Wanted!

In June **Lancaster Farming**, will feature dairy recipes for the entire month Here is your chance, whether or not you are actively involved in dairying to send in your favorite recipe using milk, cheese butter, or any other dairy product

Home on the Range is your recipe column and we need your recipe to fill it Special gifts have been chosen for each person whose dairy recipe we use It's our way of saying thank you to you and to the dairy industry Please only **one** recipe per family Recipes will be chosen on a first come first serve basis, and cut off date will be June 12

Persons whose recipes are not used will receive a special second prize So either way, you're a winner!

Send your recipe to Home on the Range Dairy Recipes **Lancaster Farming**, Box 366, Lititz PA 17543 Please remember to include your name and address

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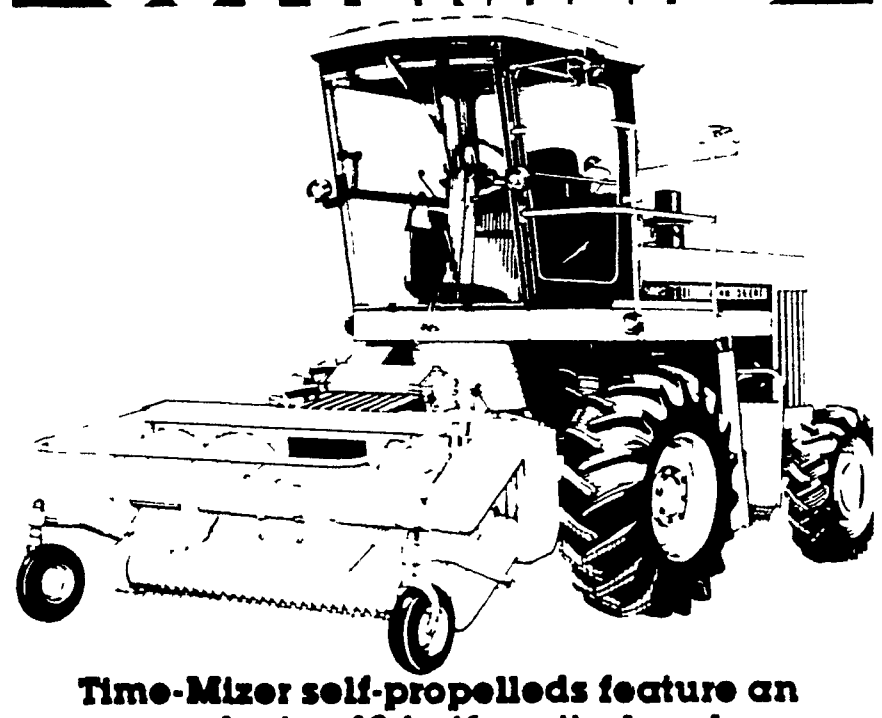

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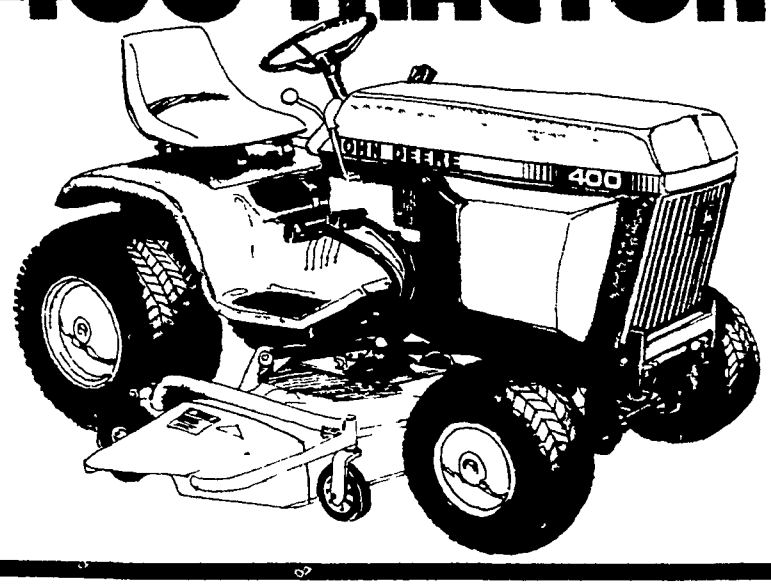

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Germination vs. emergence

Gardeners often become discouraged when they plant carrot, bean, or lettuce seeds and seedlings fail to break through the soil surface.

Several precautions can be taken to avoid this problem. It is useful to distinguish between the words "germination and emergence," they do not mean the same thing.

Germination means the start of active growth inside the seed. This results in development of a young plant beneath the soil surface. On the other hand, emergence is the actual breakthrough, when the young plant pushes up above the soil and emerges into the sunlight. Vegetable seeds will often germinate but the seedlings fail to emerge from the soil.

On many seed packets, the percentage germination of the specific seed is printed on the label. Most new seed is labeled as having 80-95 percent germination. But, a word of caution: this percentage is based on ideal conditions of temperature, moisture, and, in some vegetable seeds, sunlight and fertilizer salts. Germination tests are performed in special germinator cases that provide optimum conditions. Accordingly, under outdoor conditions, lettuce seed labeled as having 95 percent germination will not necessarily produce 95 seedlings for every 100 seeds sown. Soil that is cold and saturated with water in the spring may reduce germination considerably. However, when the gardener follows the recommended rate for sowing the seed, he or she will usually have a successful stand of plants.

Seeds of cool season plants will generally germinate well under hostile spring weather conditions. However, warm season crops should not be seeded until the soil has absorbed considerable heat. Beans, especially lima beans, are subject to soil rot unless the ground temperature is above 50°F.

A few pointers that gardeners can follow to enhance vegetable seed germination and emergence; treating seed with the proper fungicide will provide some protection against soil rot and help the emerging seedling survive "damping off."

Damping off is a condition in which, shortly after breaking through the soil surface, the steam rots off at the soil surface. Most retail seed companies do not treat seeds.

The greatest problem in obtaining a good stand of plants comes from the failure of the seedling to break through the soil. Many soils form a hard crust, especially after the soil is compacted by rain and then dries out. This problem can be minimized by sprinkling the seeded row with water wherever the soil begins to dry out, also by filling the seeded furrow with sand or vermiculite. The seedling will easily push through this loose covering.

From hen house to your house

LANCASTER — May is Pennsylvania Egg Month and it's a cause for celebration, says Kermit Birth, Extension poultry market specialist at Penn State. This year Pennsylvania is the third largest producer of eggs in the country. It's a $213 million business — that's no chicken feed!

Commercially produced eggs come from farms all over the state. Some farms are diversified and may have only a few thousand laying hens. Others specialize and may have over half a million hens.

Whether large or small, most egg producers have mechanized their operations from hen house to your house — or at least to the market

Hen houses are now designed for modern production techniques. Their inside temperatures are modified by ventilating systems to insure a comfortable home for the birds. Feed is automatically dispersed in just the right amounts and the eggs are collected by conveyer belts, when it's time to gather them

Once collected, eggs either continue on the belt to be cleaned, sized, graded, and packed on the farm or are packed in 30-egg flats transported to a central processing point. At the processing station eggs are also mechanically moved for inspection.

Processing is very exact. As eggs move on belts, "candlers" check them for size, shape, shell condition, and watch the shadows of yokes as the eggs move across the light. The shadow placement and configuration indicates the egg quality. Any eggs that do not meet quality standards are removed by the candlers. Inedible eggs are used for non-human consumption.

Since eggs are sized according to their minimum weights they are individually weighed and sorted for packaging. When you buy a dozen eggs, you can be sure you are getting at least the weight per dozen designated on the package and usually more.

Quality eggs are mechanically packed in cartons of one dozen then put in larger cartons or wire baskets, and taken off to market in insulated trucks. The time from laying to market may be as short as 24 hours.

Once you take your eggs home, their taste is up to you — don't store eggs for a long time, however Refrigerated, eggs can last several weeks but their flavor may deteriorate Eggs absorb neighboring odors so use your older ones first.

Eggs are not only good for business in Pennsylvania, they're good for you as well. Often called the perfect food, eggs are low in calories, low in cost, and high in nutrients. They contain protein, are a good source of vitamin A, and are one of the few natural sources of vitamin D. So celebrate Pennsylvania Egg Month — eat an egg today.

Covered Bridges guide available

HARRISBURG — A guide to the 227 covered bridges that are picturesque reminders of Pennsylvania's past has been published by the Pennsylvania Historical and Museum Commission.

"The Covered Bridges of Pennsylvania: A Guide," written by Susan M. Zacher, the Commission's National Register of Historic Places Coordinator, gives in 141 illustrated pages a brief description and historical account of each bridge that remains.

The first covered bridge in America was built in 1800 in Philadelphia over the Schuylkill River by Timothy Palmer, a master carpenter from Newburyport, Massachusetts. At the height of the covered bridge era–1830 to 1880–Pennsylvania is estimated to have had more than 1500 of these weather-protected wooden bridges.

Since then, according to the author, they have "rapidly disappeared through neglect, flood, arson and progress. Prior to the Agnes Flood of 1972, Pennsylvania had 271 covered bridges spread across forty-one of its sixty-seven counties." The covered bridge is found today in thirty-seven counties. Lancaster County has thirty of them, Columbia County twenty-seven.

The bridges are described individually in Zacher's book and are grouped by county. Each description includes the dimensions, builder, year of construction, ownership, condition, and other information. Photographs illustrate the similarities and the individualities of about ninety of the bridges.

"The Covered Bridges of Pennsylvania" may be purchased for $3.50 plus six percent sales tax from the Publication Sales Program, Pennsylvania Historical and Museum Commission, Harrisburg 17120. A dollar should be added to each order for postage and handling.

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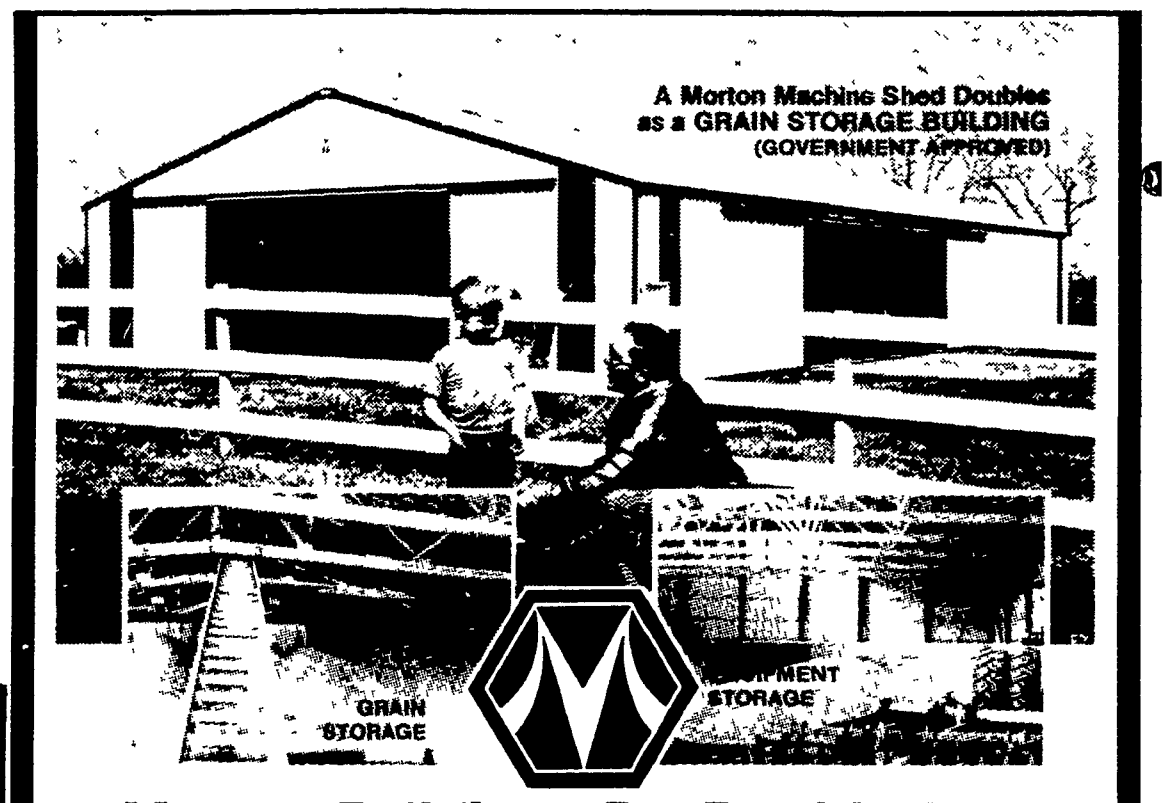

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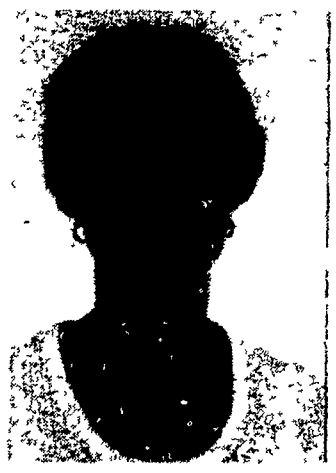

On being a farm wife -And other hazards

Joyce Bupp

Precious little of our time around the farm is not devoted, one way or another, to co-existing and caring for our "critters."

Those critters can range in size from the bull in the lower lot on down to the tiny bantam chick hatched out by one long-suffering hen defending her nest in a rapidly diminishing mow of hay.

Some of the critters intertwined in our lives are those of the non-domestic variety — the robin still busy hatching on the maple limb outside the kitchen window and the groundhog family that has long claimed squatter's rights under the old cherry tree

But, once in awhile, a critter wreaks some havoc that earns it another label.

Varmint.

One "varmint" will not soon be forgotten by the junior farmer of the family. (Calling him little farmer is no longer appropriate now that he's big enough to snitch my barn boots.)

This adventure took place while the old and young farmers (that'll get me in trouble, too) set off to feed the heifers at the barn across the meadow.

Feed for the four-legged girls is stored in a small silo equipped with a top unloader. As the unloader chews into the packed feed, it tosses it down to the feed cart parked below

While the farmer tended to feeding chores, his younger assistant waited at the cart to see that it didn't overflow

Suddenly, a large lump of what he first thought was rotted silage toppled down onto the filling cart Within a split second he had changed the identification, figuring the lump was a large tiger cat that had jumped down from the silo.

But as the lump just barely cleared his head as it took off in fright, the marauder's face gave it away.

Raccoon!

Surprises were only beginning for the raccoon. For directly behind the human obstacle was another — Fritz, the shepherd dog Long noted for his prowess on the groundhog trail (the smelly remains of which turn up in the yard), the dog tore into the raccoon with the relish with which he easily wipes out woodchucks

But this varmint was tougher than your average groundhog, and eventually landed a nasty bite just under one of Fritz's big brown eyes In three directions fled one startled youngster, one angered and aching dog, and one highly aggrieved raccoon.

Reliving the tale at lunch, the teller related how he couldn't figure out at first what sort of beast this was that came from nowhere to sail over his head.

"And that," concluded his older sibling," is exactly why it was wearing a mask "

The soil you lose to erosion usually is the most productive topsoil It has been fertilized and contains the most organic matter and has the best ability to hold water for plant growth

When upper soil layers are eroded away, crop production is substantially reduced Effectiveness of fertilizers, high-producing plant varieties, and good crop management may diminish

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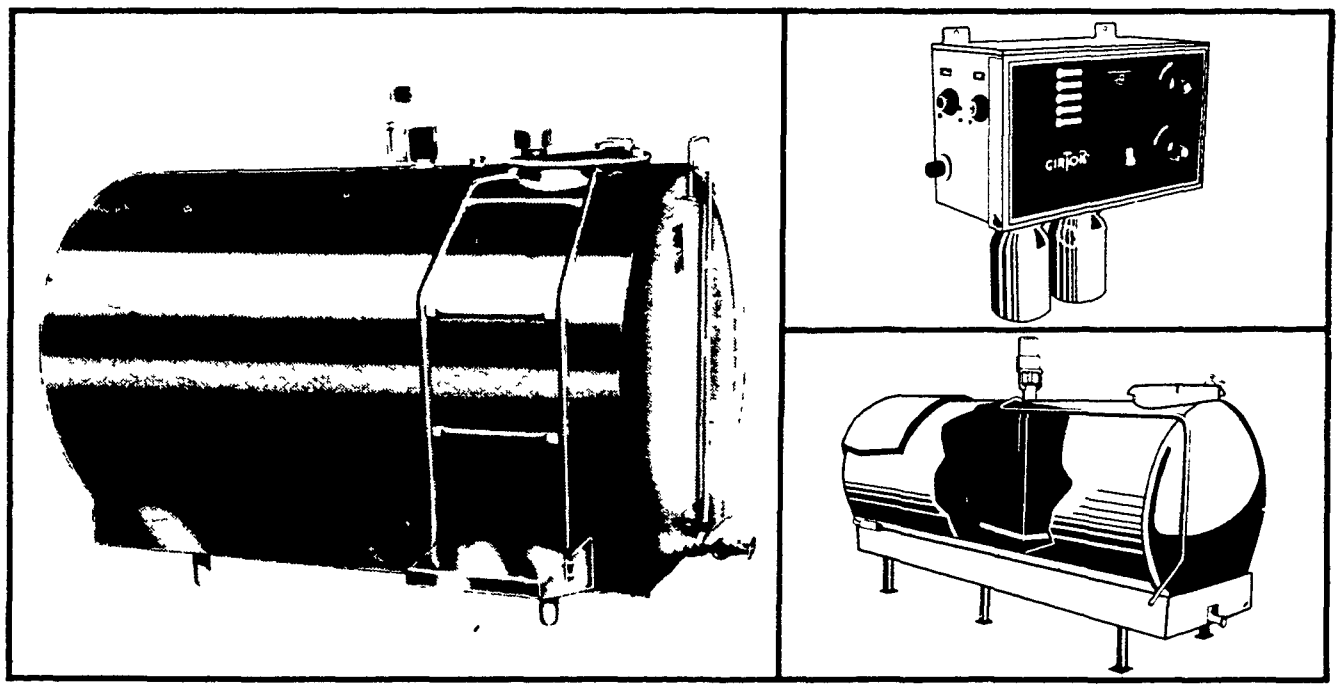

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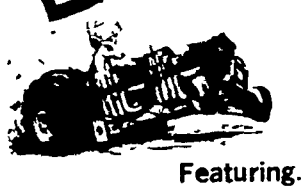

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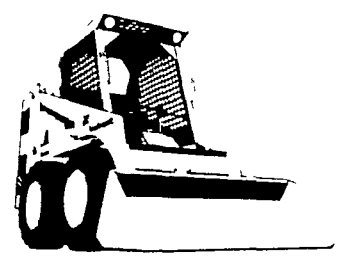

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Kid's Korner

Animals do yawn - but not just because they're sleepy

For anyone who's embarassed himself with a wide-mouthed yawn in the middle of an economics lecture, a budget discussion or a friend's emotional outburst, the yawn clearly delivers one of two messages· boredom or fatigue.

It's not so simple in the animal kingdom, says the current issue of International Wildlife magazine Animals do yawn—but for a whole variety of reasons. The animal's yawn may signal courtship, agression, warning or a need to create order within a group.

The conventional yawn occurs when breathing slows down because of fatigue, inactivity or lack of sleep. Opening wide creates a sudden intake of air that sends oxygenated blood to the heart. The heart, in turn, rushes blood to lethargic muscles, reviving a sluggish system, according to the bi-monthly publication of the National Wildlife Federation.

Some animals do yawn for conventional-or physiological-reasons. For instance, the javelina (wild boar) yawns to rejuvenate himself whenever he leaves the shallow depressions in the desert where he sleeps

But for other animals, yawns were mere weapons in territorial battles. Lizards and fish commonly threaten unwelcome invaders by opening their mouths Bears and wolves open wide to bare their teeth before an attack. The hippopotamus displays perhaps the most spectacular aggressive yawn Two hippos trying to settle a dispute stand head-to-head and flash two-foot-long teeth in giant yawns. They have been known to match yawn for yawn over several hours, before settling a quarrel, says International Wildlife.

Baboons also issue threats with yawns—often to establish pecking orders within groups. For the baboon, "the yawn constitutes a higher-level threat than a raised eyebrow or a stare," says John Fletemeyer of Florida's Nova University, who has often seen these hairy animals yawn when choice food or a female in estrus is at stake

Lions, on the other hand, spread their jaws to calm tensions within a group, according to Randall Eaton, a professor of animal behavior at Western Wyoming College. Female lions yawn frequently, almost in unison, to distract potential aggressors from their newborns.

Some animals even yawn to invite clean-up crews into their mouths. A case in point is the crocodile, who can't move his tongue well enough to clean his teeth. He instead spreads his jaws wide so that certain birds can dine on leftover food amongst his teeth.

A giant turtle opens wide.

Birds often yawn when they're courting. Consider the Adelie penguin's aptly named "ecstatic display:" two penguins woo by facing each other, beaks spread wide, pointing majestically toward the sky.

When animals get the irrepressible urged to yawn, they seem to know, as man does, when to stifle it. Lions, baboons and other animals that live in groups have perfected the technique, says International Wildlife When they don't want a reflex yawn to be perceived as a threatening gesture. these animals look away or cover their teeth with their lips. Lower-ranking animals turn away from higher-ranked animals when they can't suppress a yawn.

Take a lesson from the lion the next time you yawn at the wrong time or in the wrong place. Turn your head, or cover the gaping hole with a hand Otherwise your weariness–or boredom–will be all too obvious.

Montgomery Co. presents

"Happening '82"

LANSDALE — The Montgomery County Extension and the Montco Rabbit and Cavy Breeders Associaiton will present "Hoppening '82" at the 4-H center, here, June 5.

Last year, at the first "Hoppenning," over 500 people attended.

"Hoppenning" will be a day-long event open to the public and will feature a rabbit and cavy exposition.

Scheduled speakers will include Dr. Terry Reed, writer of "Rabbits' the Rabbit Doctor" and a licensed rabbit judge; Dr. John Harkness of PSU talking on diseases of rabbits; and Herb Jordon, Extension specialist from PSU.

Topics covered that day will include breeding problems, reproduction, handling techniques, diseases, management, commercial rabbitry concerns, marketing and record keeping, cavy care, conditioning, and nutrition. Demonstrations on tattooing, butchering and skinning will be given.

All popular breeds of rabbits and cavies will be cooped and on display.

Breakfast, lunch and dinner will be served throughout the day. An added attraction will be charcoal barbequed rabbit.

For more information and a detailed schedule of events, contact Nancy Kadwill, 400 Markley St., Norristown, PA 19401

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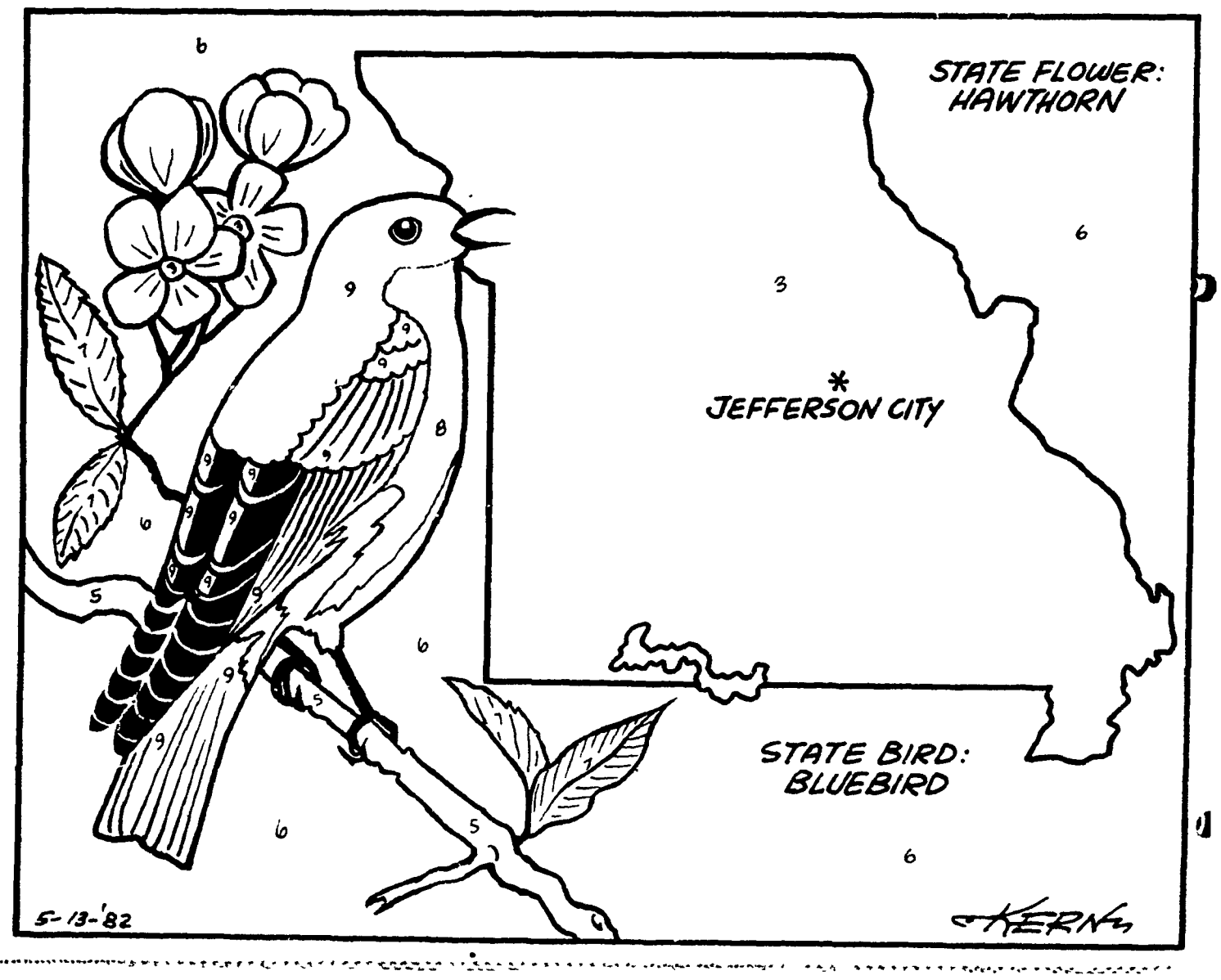


Maryland 4-H'ers hold fair

WOODBINE, Md — The Maryland 4-H'ers will gather at the Howard County Fairgrounds in West Friendship, Maryland, May 29 for their annual spring show, the Wills 4-H Spring Fair.

Activities begin at 9 a.m. and last all day. Included will be workshops, and shows. Youngsters, 8 to 18, from all over the state will be showing and working with dairy cattle, steers, dairy goats, sheep, rabbits and other small pets, poultry, and dogs.

The public is invited to attend.

Kids and Cows 4-H meets

QUARRYVILLE — The Kids and Cows 4-H Dairy Club met Monday evening, May 3 at the Hoffman Community Building, here.

Mrs. Faye Eckman presented a program on the parts of a cow.

The next meeting will be held Saturday, June 12 at the Robert Hershberger farm. Fitting, clipping and other demonstrations will be shown.

Hunterdon 4-H joins 4-H day

FLEMINGTON, N.J. — Members of the Animal Health and Science 4-H Club participated in the 4-H day at the Mall, here, recently.

A petting zoo and table display were set up by the club. Members ordered T-shirts with the theme "All Creatures Great and Small."

Dr. Brightenbach, a local veterinarian, spoke about worms in animals.

The next meeting will be held at the Extension Center on May 26 at 7:30 p.m.

Berks 4-H swine club meets

LEESPORT — The Berks 4-H Swine Club met April 22 at the Berks Co. Agricultural Center to hold elections.

Elected were: president, Charles Seidel; vice president, Mark Rohrbach; secretary, Kenianne Rarick; news reporter, Greg Stricker; game and song leadrs, Kirk and Kent Fisher.

The next meeting will be held June 8 at the Ag Center. Discussion will be on feeding and nutrition.

Juniata seeks princess contestants

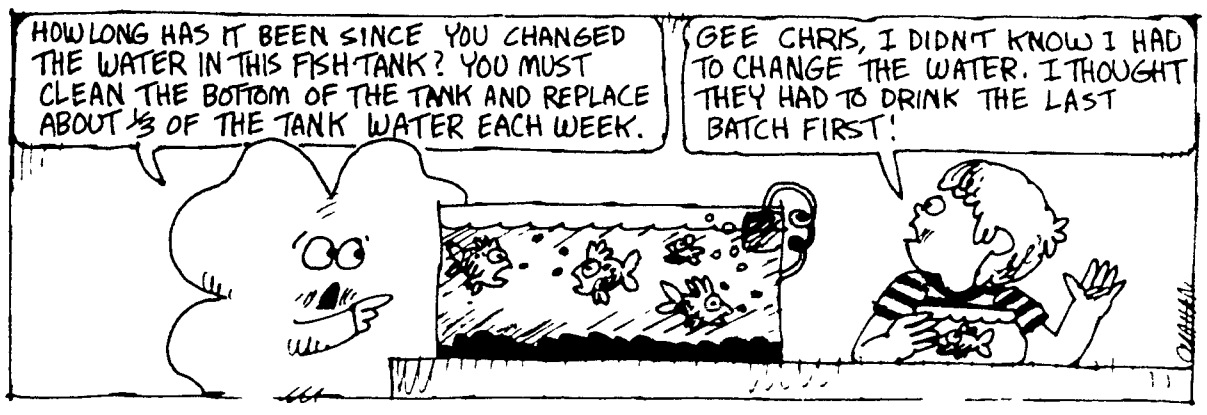
MIFFLINTOWN — The Juniata County Holstein Club is currently seeking contestants to enter their county dairy princess pageant.

The contest is scheduled for June 18 at 8 p.m. at the McAllisterville Community Park.

Before the program, a chicken barbecue dinner will be held.

Potential contestants should contact Beatrice Hoffman by June 4 at (717) 436-2962.

CHRIS CLOVER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GEE CHRIS, I DIDN'T KNOW I HAD TO CHANGE THE WATER. I THOUGHT THEY HAD TO DRINK THE LAST BATCH FIRST!

Bradford Co. plans dairy circus

TOWANDA - "Milk at the Circus" is the theme of this year's big Dairy Festival to be held in Towanda on Saturday, May 29 This spectacular milk promotion which attracts more than 6,000 annually is expected to be bigger than ever in 1982, according to Ronnie Harris, General Chairman.

The Dairy Festival will begin with a grand parade of floa s by commercial and non-commercial community organizations, bands, antique cars, farm machinery, the dairy princess candidates and dignitaries. If your group would like to enter a float, contact Lyle Harding, 717-265-3146

At noon, hungry marchers and watchers can eat their fill at a variety of food booths For more fun there will be lots of contests— Clown, Cutest Costumed Calf, Purple Cow, Pie Baking, Milk Chugging, Milking and more There will be a petting zoo and other activities for children of all ages

The seven Dairy Princess candidates will appear throughout the day Call Kevin Ferris, 717-363-2258 for information about festival activities or Ronnie Harris, 717-364-5414 for general information on the event

The evening Dairy Princess Pageant will highlight the day by crowning the 1982 Bradford County Dairy Princess Come and join the fun!

Berks Goatherders seek members

BIRDSBORO — Berks Goatherders Club are currently seeking members to join their informational club.

The club holds 4 to 5 meetings a year and meets at the Berks County Agricultural Center The next meeting will be May 19 at 7:30 p.m. in the auditorium.

Robin Najarian, a local Nubian breeder, will be the speaker. She will speak on "Poisonous Plants" and "Nutrition in Browsing "

Red Rose Club meets

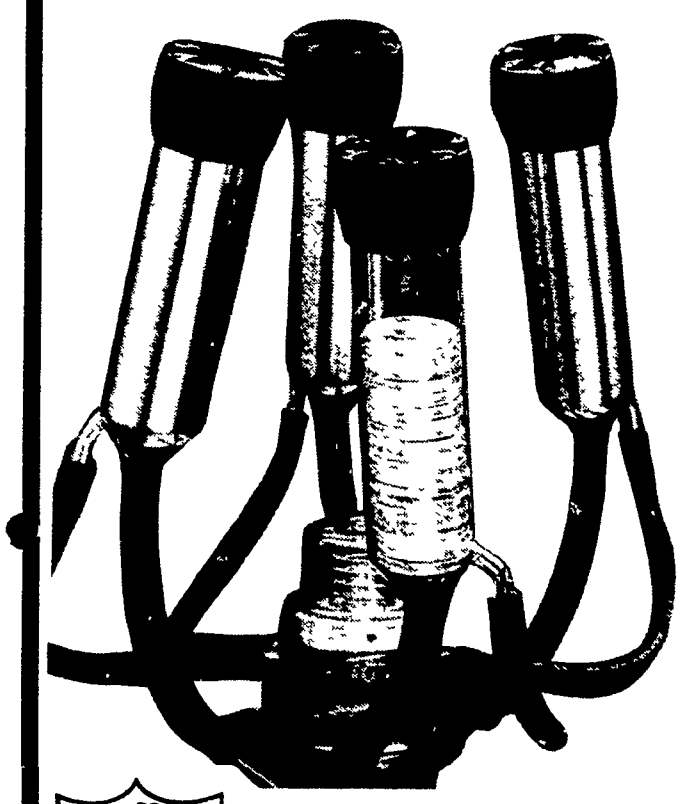
LANCASTER — The Red Rose Beef Club held their monthly meeting May 5 at the home of Larry Weaver.

Brian Hess and Chester Hughes demonstrated how to clip steers for summer show, and how to trim hooves.

The next meeting will be held June 2 at the Lampeter Fair Grounds.

Estimates indicate there are about 4 billion tons of sediment reaching streams each year About 30 percent of it is natural background from geologic erosion. About 50 percent comes from agricultural land Another 10 percent comes from disturbed areas such as eroding roadbanks, construction, surface mined lands, or other disturbed areas. About 70 percent, therefore, is theoretically subject to control at its source through sound soil and water conservation measures applied to the land.

Time for Change



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Missouri scientist continues 'superchicken' search

COLUMBIA, Mo. — "Superchicken" is gone now—probably to that great chicken coop in the sky.

Three years ago, the marvelous bird set what was believed to be a world record by laying at an egg-a-day pace for 448 consecutive days. The average hen would have missed over 100 days in that period of time.

But the man who selected and bred the first Superchicken, then coaxed her to her record, doesn't rest on the famous hen's laurels.

In fact, he's still aiming for a whole henhouse full of superchickens—egg-a-day birds that won't take a break in their laying cycle.

"I have a large number of birds that are performing well right now, but not for as long a time as the record-setting bird," said Harold Biellier. The University of Missouri-Columbia professor of poultry science has spent more than a decade selecting and breeding for birds that won't take a break in their laying cycle.

"It's simple to get individual birds to lay at a 90-100 percent rate. But to get a whole flock to perform that well, everything has to be perfect. The breeding isn't there yet."

Biellier explained that the average hen lays four or five days, then takes a day off. That's about 75 days per year.

"That's too much time off," Biellier said flatly.

In selecting better birds, Biellier uses a technique of adjusting the bird's day to as little as 22 hours during part of their laying cycle. Since the birds are raised inside, he simply adjusts the light-dark cycle with automatic timers that turn lights off and on. Long days induce young birds to lay larger eggs; short ones help the best birds lay at a higher rate.

Superchicken worked her way through many 22-hour days in the early part of her laying cycle and had actually layed 120 eggs in the first 112 days of her laying year.

While the light-dark cycle adjustment was used with Superchicken, it was her genes—not the light—that made the difference.

"In recent years, laying hens' egg productivity has tended to plateau, and the rate of increase has slowed. We wanted to see if we could do something about it.

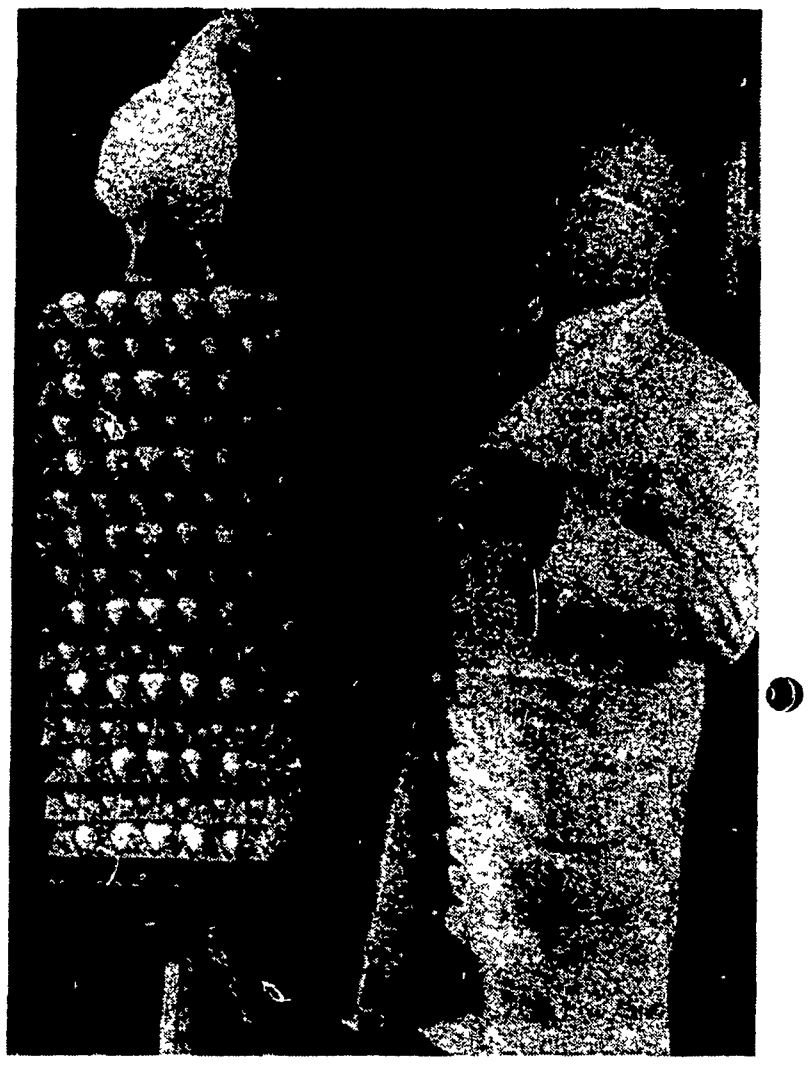
"I'm convinced that the average laying hen hasn't reached its biological peak and that our record-breaking hen was no freak."

Biellier's research is directed at finding the factors that limit a hen's ability to lay. He believes these factors are both physiological and environmental.

More research is needed. So Biellier continues to raise chickens, many of which are offspring of the record-breaking hen.

The poultry scientist hasn't lost sight of his goal: a henhouse full of superchickens.

"Progress is being made," he said, "and the work is continuing."



Harold Biellier and Superchicken - and the 448 eggs she laid at an egg-a-day pace. Superchicken is no longer with us, but Biellier's search for marvelous egg-laying birds continues at the University of Missouri.

Franklin needs dairy princess contestants

CHAMBERSBURG — Once again the Franklin County Dairy Promotion Committee is making preparations to crown a new Franklin County Dairy Princess. The contest this year will be held at Kauffman's Community Center on Saturday, June 12 at 7 p.m.

Contestants entering the contest will be representing the county's and state's number one agriculture industry.

Contestants are being invited to enter this year's contest and vie for the crown of Franklin County Dairy Princess. To be eligible the girl must live in Franklin County. She must be the daughter of a dairy farmer, herdsman or dairy farm owner during the current year, or must be the owner of at least one dairy animal. She must have completed her junior year of high school and will not reach her 22 birthday before the end of this year. She must be single and never married and cannot marry during her reign.

Entry blanks for the local contest are now available from any member of the Franklin County Dairy Promotion Committee. Further information and entry blanks may be obtained by contacting the Franklin County Extension Service Office in Chambersburg. Complete entry blanks and photos must be submitted to the Extension Office by May 28.

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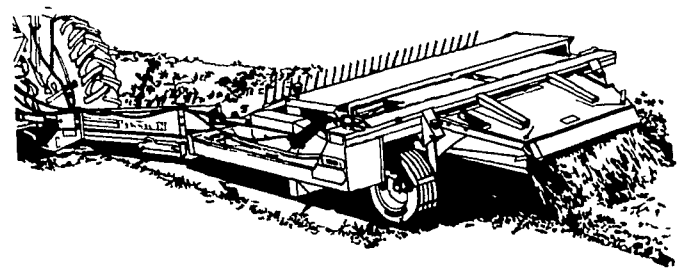

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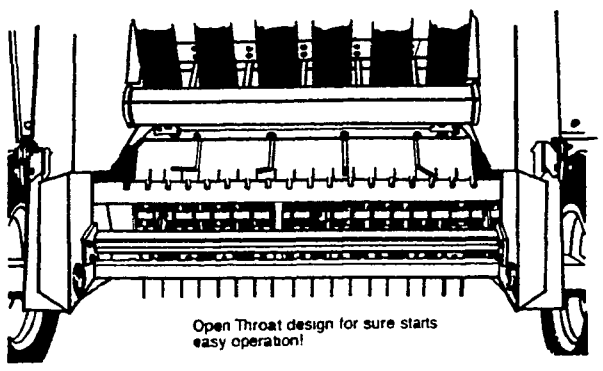

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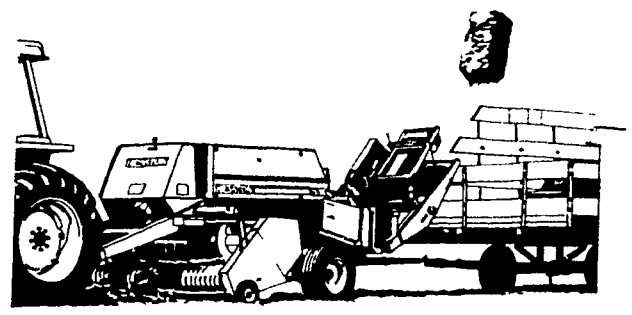

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The PRIME LINE

An incredible character promotes an incredible, edible product

BY DEBBIE KOONTZ

LANCASTER — Imagine a grown man — oh, around 40 in age, 6 feet tall, with sandy-colored hair and a full mustache — making omelets for a living.

Hard to visualize?

Perhaps for most, but not for those who know the witty and bubbly Howard Helmer, eastern representative of the American Egg Board; better known to the world as the "Omelet King."

He received this eminent and ponderable designation because he holds the Guinness Book of World Records title for making the most omelets — 217 — in 30 minutes. Helmer achieved this recognition in 1978 at Disneyland in California.

Since then, the zany demonstrator has served as spokesman for the Egg Board making hundreds of presentations around the country on behalf of the versatile egg

Maintaining a hilariously hyper personality despite a rather sultry afternoon, Helmer presented one of his demonstrations to several dietitions, home economics teachers, food editors, politicians and egg producers last Friday in Steinman Park, Lancaster.

Guests had the opportunity to make their own lunch (an omelet, of course) under the guidance of the master himself, and to share in some of Helmer's cooking knowledge.

Sponsored by Commonwealth National Bank, the event was designed to provide continuing support to the egg farmers of Pennsylvania through the joint sponsorship of the Egg Promotion Council of PDA and the Commonwealth Bank; and serve as a kicker for the "May is Egg Month" theme

Howard, who hails from Chicago but lives in New York City now, says he loves the traveling and the people he meets. Though this 'city boy' has only visited farms "a few times," and "thought the world began and ended in the city," he promotes the egg as though it were a moral matter of right and wrong.

"Who didn't eat breakfast?" are his opening words to his audience. After a brief scolding and a few jokes, Helmer proceeds to whip together a blender full of Instant Egg Pickup with orange juice, honey, egg and brandy, and then make them drink it.

Throughout his presentation, he makes the audience repeatedly recite the perfect omelet — "Here's the recipe. .two eggs, and

(Turn to Page B15)

Despite the humidity, Helmer got very egg-cited as he prepared an Instant Egg Pickup for guests who hadn't had breakfast. Helmer uses his incredibly hyper and altruistic personality to advantage when lecturing on the merits of eggs.

Robert Bucher, vice president and manager of the agricultural loan department at Commonwealth National Bank (sponsors of the afternoon event) prepares his omelet under the scrutinized guidance of Omelet King Howard Helmer. Also working for her lunch, is county commissioner Jean Mowery, left, who joined Bucher and other dignitaries for an afternoon of fun and egg promotion in Steinman Park in Lancaster.

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"I BELIEVE A STATE REPRESENTATIVE SHOULD LISTEN, THEN ACT."

I have made every effort to meet you, the people I wish to represent, to listed to your views and to understand your local issues and concerns By the 18th of May I shall have visited every township and borough in the 13th District and met many of you personally

I asked my opponent to join me in public meetings to meet you, listen to you and answer your questions I believe it is important for you to have the opportunity to meet both candidates in order to make an informed choice at the polls. Unfortunately, my opponent declined the invitation to meet with you.

If elected, I shall work full time as you legislator in Harrisburg while continuing to meet with you locally to understand your problems and to listed to your views

Your vote is your voice in government. Vote for the EXPERIENCED CANDIDATE on May 18.

John Miller

VOTE FOR
JOHN MILLER
For State Representative, 13th District

Farm Women Societies

Lancaster Co. Society 8

Lancaster Farm Women 8 met at the Donegal Church, April 17 to entertain Society 33.

Twenty-two members and eleven guests attended.

Special speaker for the evening was Mrs. Carl Blose who gave a message entitled "From Bethlehem to Calvary."

The next meeting is being held today at 2 p.m. at St. John's Lutheran Church in Maytown.

Lancaster Co. Society 18

Lancaster Farm Women 18 entertained Society 10 at the Farm and Home Center recently with a salad luncheon.

Guest speaker was Pat Barton, dietician at Lancaster Osteopathic Hospital.

The next meeting wil be an ice cream party on June 19.

Lancaster Co. Society 25

Lancaster Farm Women 25 met at the home of Mrs. John Gerlach in Lancaster recently for a Mother's Day Tribute.

Society 25 will sponsor a refreshment stand in the Lancaster County Park, June 12, for the county celebration of the 300th anniversary of Pennsylvania.

The members voted to sponsor the Penn-Willow 4-H Community Club and the Lancaster County Dairy Princess.

The next meeting will be held at the home of Mrs. Clayton Haverstick in Lancaster on July 10. The group will be visiting Rockford.

Lancaster Co. Society 27

Lancaster Farm Women 27 was entertained by Society 2 in the Upper Room near Elm, recently.

The program was given by Betty Geib who presented a brief history on soap and told how she makes it.

York Co. Society 12

York Farm Women 12 met recently at the Willow Valley Restaurant in Lancaster for their 30th anniversary.

Seventeen members and five guests attended.

The next meeting will be May 25 at the Fiddler's Convention building near Borgue. A plant and bake sale will be featured.

Incredible character promotes

(Continued from Page B14)

two tablespoons of water. Have you got that?"

Helmer uses several ideas seldom considered by the consumer in his egg promotion attempts. For instance, how about eggs as a fortune telling medium, a cosmetic, or an aphrodisiac?

For a finish, Helmer leaves with a 'flare' — in fact, a 'fire.' Romance an egg? "Why not?" says Helmer as he ignites the brandy on his dessert omelet.

The dessert is easy to make, and includes the perfect omelet ("two eggs and two tablespoons of water — have you got that?") and dessert pie filling of your choice, a sprinkle of powdered sugar on top and a little shower of brandy. Add to this a lit match and puff! Your dessert burns in a new flavor.

Following the luncheon, which was heightened with prepared dishes being catered by The Hamilton Club of Lancaster, the Omelet King left the area to be on the road again promoting eggs. Although Helmer's primary function is to conduct public relations activities with food editors of the national news media in New York City, his ten years in the field have kept him moving from state to state promoting the incredible, edible egg.

Egg month fact

According to United Egg Producers, the largest egg in the world is laid by the ostrich - up to 8 inches in length and 6 inches in diameter. Having a volume equal to that of two dozen hen eggs, it takes 40 minutes to hard cook.

The perfect omelet? "Two eggs...and two tablespoons of water" as Helmer will attest, repeatedly. And when made in bulk quantities as was done here, a soup ladel serves as the perfect measuring cup because it holds, what else, "two eggs...and two tablespoons of water!"

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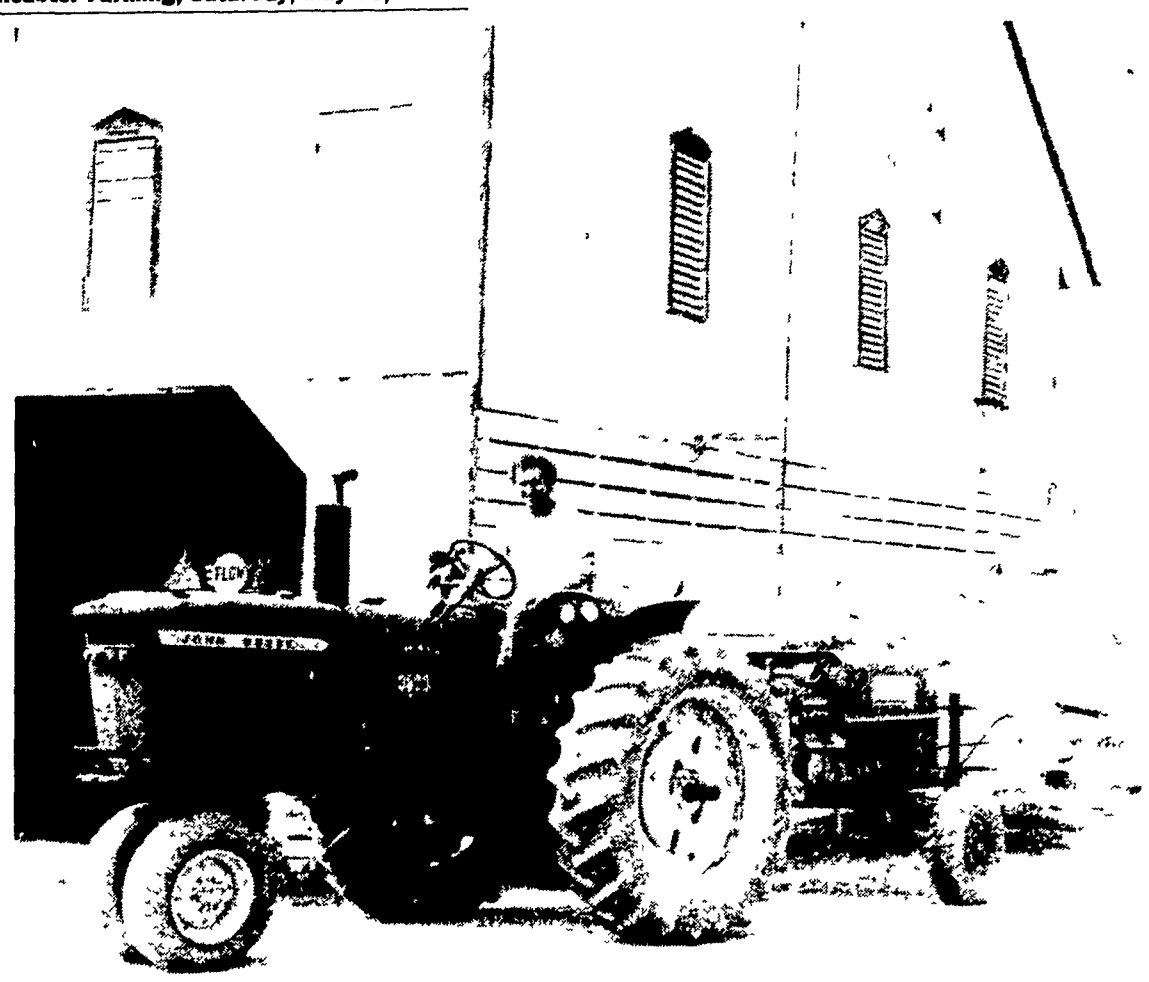

Like all farmers this season, Sam Frymyer prepares to go out and do some spraying. The difference is that when Sam is finished in the fields, he donns his shirt and jeans for the uniform of a Pa. State Trooper. Sam feels that farming is his way of accomplishing his goals in life.

This trooper also drives a tractor

BY GINGER SECRIST MYERS
Staff Correspondent

HANOVER — Being either a Pennsylvania State Trooper, or farming 110 acres, or operating a farm market, might each be job enough for any one person, but not for Sam Frymyer, Frymyer's Potato Farm, Hanover.

Sam Frymyer is a 17 year veteran of the Pa. State Police, stationed in Gettysburg, who started picking up potatoes on his father's farm as soon as he could walk and has never lost his yen to farm.

Jean Frymyer, his wife who formerly worked as a title clerk for an insurance company, contributes her time seven days a week from early March till Christmas Eve managing their roadside market, Frymyer's Farm Market, located along Route 194 between Gettysburg and Littlestown.

When asked what keeps them going at so many jobs, Jean replied, "We're two people who are hard workers and we can't be satisfied with a fixed income or nine to five jobs. We like to work with the public and we also like the lifestyle that goes with farming and having the market."

Hard work is nothing new to Sam Frymyer. Raised on a farm, Sam worked with his father and grandfather on the Frmyer's present homestead until he completed high school and joined the Marines. Sam jokes, "I even worked an extra job while stationed in D.C. with the ceremonial unit of the Corps. That's how I met my wife. I tried to sell her a pair of Mason shoes."

After returning home from the service, Sam was stopped by a State Trooper and issued a citation for speeding. That was when he was struck with the idea of joining the State Police. He conversed with the officer and inquired about the application forms. He joined the force in January of 1965.

After being stationed in Hazelton for seven years, Sam and Jean returned home and purchased his grandfathers' 57 acre farm from his dad and presently farms it plus a neighbor's farm. Sam puts out potatoes, corn, wheat, and soybeans. He has worked closely with the Extension Service and the Soil Conservation Service.

He states, "I always have soil samples tested and I've really worked hard at building up my soil by rotating crops and drainage work. It's really helped to increase my yields."

Sam produces his potatoes for Utz Potato Chips, Hanover, for private restaurants, and for retail sales at the farm and their market. He has 16 acres of potatoes, growing Norchips and Superiors, with yields of four hundred, hundred pound weights per acre.

When reflecting on why he works so hard at two very different professions, Sam stated, "I do my farming when I can since I work a swing shift which changes daily. Sometimes the weather doesn't help much either, and I have to get a little part-time help from some high school boys. I think my ultimate goal is to retire from the force and just do farming here and travel. There just isn't enough money in farming to do it any other way. I really like to farm. I like to watch the growing cycle. I like to be my own boss. I guess it's my way of accomplishing something in life."

It is that sense of being your own boss which motivates Jean Frymyer too. That is what made the Frymyer's decide to get into the roadside market business.

Jean explained, "This market was up for sale or lease by Conovers, the former owners. Sam saw an opportunity here and he knew I wasn't happy working in an office. I had considered opening a

(Turn to Page B19)

Jean Frymyer operates the Frymyer's Market located between Gettysburg and Littlestown. She left an office job to be her own boss and accomplish her own goals. Frymyers Market carries a variety of plants and supplies, fresh produce, and specialty processed foods.

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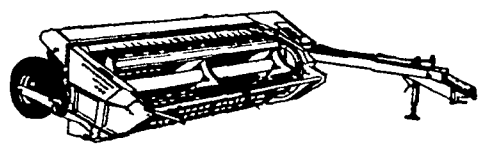

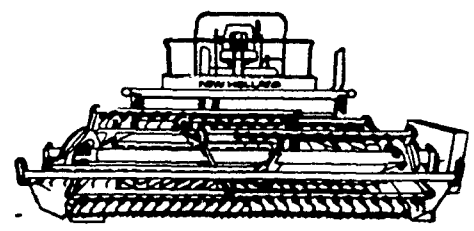

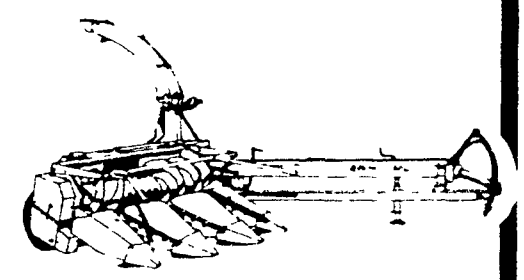

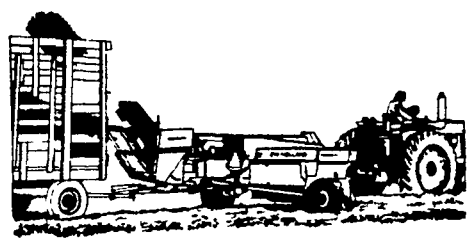

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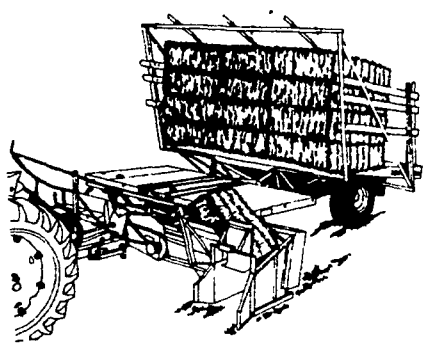

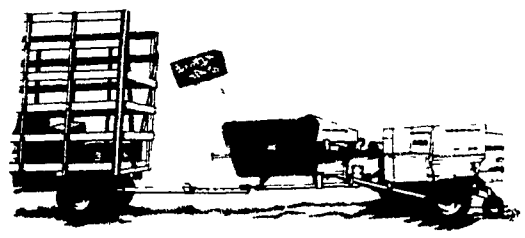

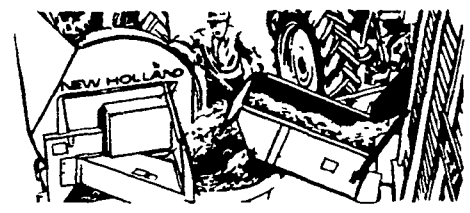

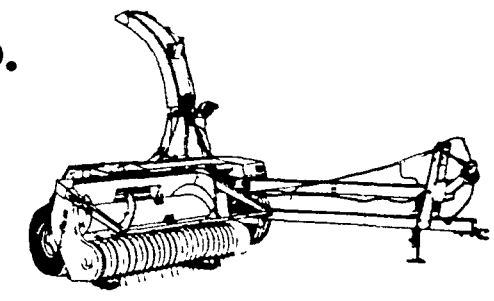

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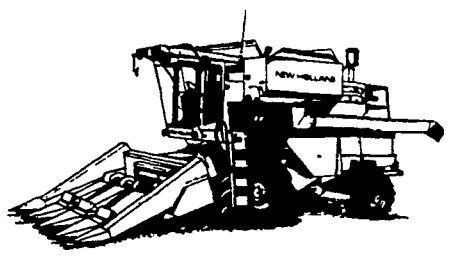

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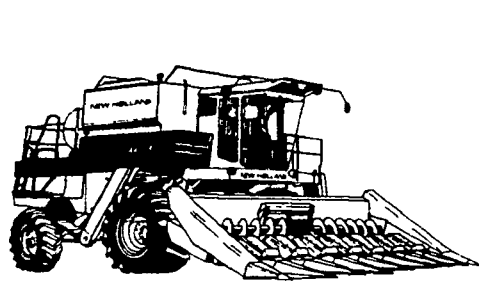
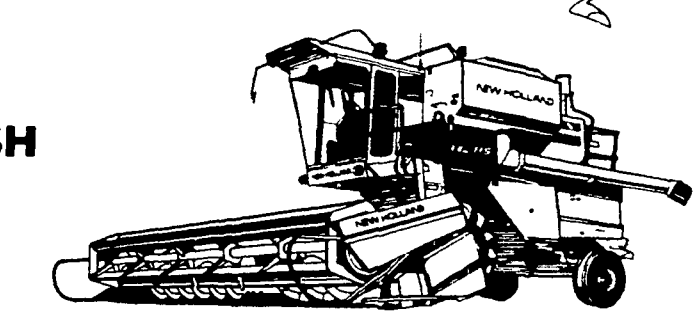


2. GET A 7% BONUS IN MAY ON AMOUNT OF CASH PAID FOR ANY MACHINE NOT FINANCED



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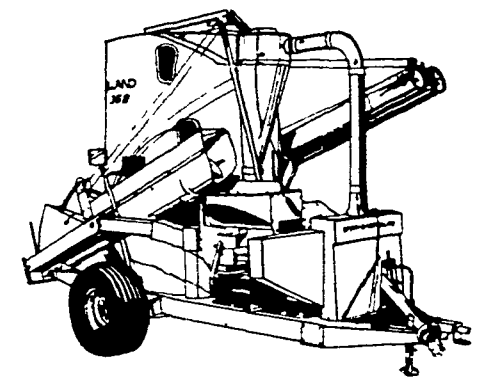

2. WAIVER OF FINANCE CHARGES TO SEPTEMBER 1, 1982

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3. A 5% DISCOUNT BONUS DURING MAY ON THE AMOUNT OF CASH PAID FOR A MACHINE THAT IS NOT FINANCED

Listen closely for sounds of stewardship

BY DICK ANGLESTEIN

EPHRATA — A drive up the long lane of the Aaron and Clark Stauffer farm, R1 Ephrata, prompts the usual farm chorus of greeting.

Some of the cattle in the feedlot snort inquisitively and the pet dog yips a friendly hello. A tractor revs a roar of extra power off in the distance

But like the theme music in a movie, which lurks in the background but still plays a vital, basic role, there are also distinctive sounds of conservation that drift across the land.

One of these sounds of stewardship has a strange and unusual source. Intermittently, it echoes from the meadow area along Indian Run. Like the blaring blast of a trumpet in an otherwise subdued orchestra, the honking squawks of a couple of wild ganders announce the eruption of a mid-morning squabble along the stream

"We now have three families of wild Canadian geese along the stream," Aaron Stauffer explains.

As he gazes across the weather-grayed rail fence toward the placidly flowing water, his voice shifts into a more reflective tone.

"I can remember grandmother telling me once that grandfather shot a wild goose here on the farm

"She sort of memorialized that incident in my mind.

"I looked for geese all the time I grew up on the farm and even after I eventually took it over from my father.

"And, now after all these years, they're starting to come back."

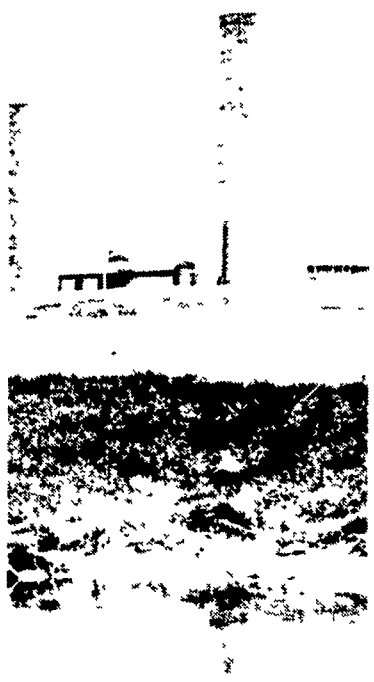
But how does the return of some wild geese fit in with agricultural conservation and soil stewardship?

Well, one serves as a living, natural symbol for the other on the 67-acre Stauffer farm, which is feeling the twin pressures of concentrated livestock operations and encroaching residential development, just as many agricultural neighbors across the length and breadth of Lancaster County are experiencing.

But conservation and soil stewardship go well beyond symbols for Stauffer, who has served as a director of the Lancaster Conservation District for 17 years and as its chairman for the past dozen.

A hike up the hilly 55-acre field behind the barn, which is the farm's main corn ground, shows how Stauffer not only serves as a leader in conservation but practices it as an individual steward of the soil.

His symbol:

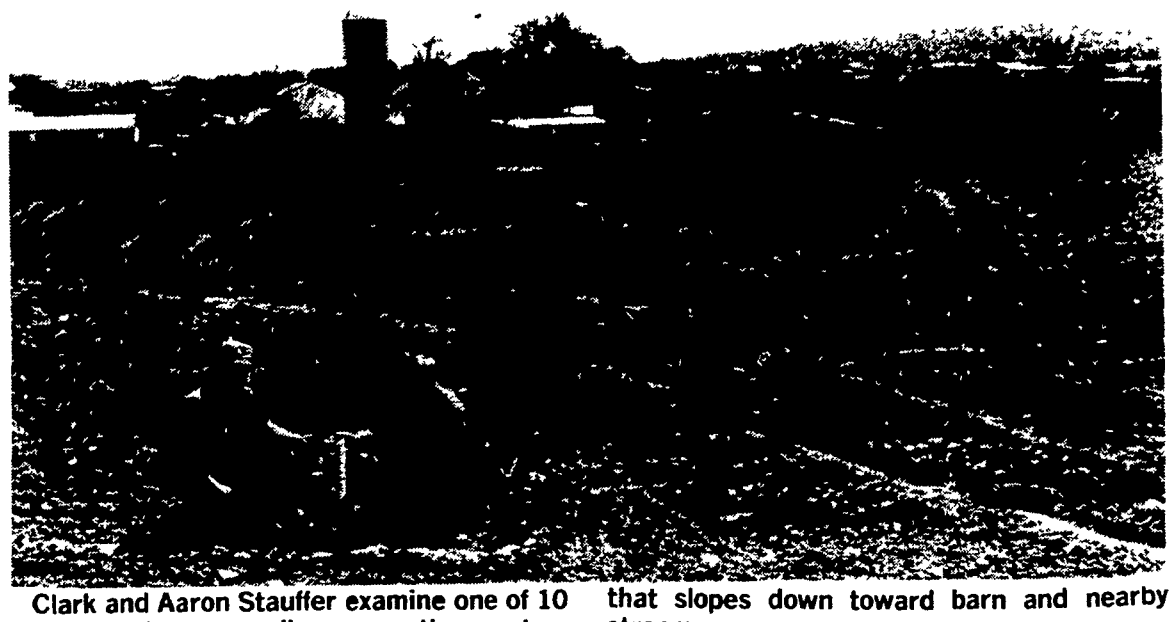


Wild gander struts its stuff along stream on Stauffer farm, R1 Ephrata.

His belief:

"We don't really own any piece of ground; we're only stewards of it. We should make every effort to improve and not abuse it."

His commitment:



Clark and Aaron Stauffer examine one of 10 inlet pipe in new soil conservation system recently installed throughout 55-acre cornfield that slopes down toward barn and nearby stream.

"We installed the original terrace-waterway system in 1965," he said

"But with our modern farming parctices, such as herbicide use and continuous corn, we were having increasing problems with the waterway.

"It was hard to maintain and becoming more difficult to collect and hold the water.

Late last November, the Stauffer farm became one of the first in the northwestern section of Lancaster County to become involved in the Upper Conestoga Watershed Rural Clean Water Program.

The adjacent Indian Run empties into the Cocalico, which in turn flows into the Conestoga River.

The Federal matching fund program is designed to improve water quality in the upper reaches of the Conestoga by providing financial help in updating soil conservation and manure handling practices on farms in the area.

The first phase of the conservation work on the Stauffer farm has centered on the revamping of the terrace system and the installation of a tile outlet network. Some 2,400 feet of four to 10-inch piping has been installed across the large sloping field.

"It's designed on a 10-year storm basis," Stauffer said.

"It will better hold the water and slow it down that it doesn't move as fast.

"The nutrients and sediment will stay up here on the field where they're supposed to be instead of eventually ending up down in the stream."

While the system hasn't yet stood the test of a massive storm, there have been rains with the stream running bankful. And the inlet holding areas of the terraces were only at about 10 to 15 percent of capacity.

"My father was basically a conservationist," Stauffer said.

"But, I guess primarily because of our heritage, he was leery of government programs.

"After every thunder-gust I can remember walking up this field with him.

"He'd look at the erosion and I could plainly see the hurt on his face.

"That look impressed me and I never forgot it."

Additional conservation work is planned for the Stauffer farm, including extension of the tile outlet system and the eventual installation of a storage tank for manure from the hog operation.

In the hog manure system, the Stauffers are considering the capability of methane production in the design.

"That's one of the advantages of this system," Stauffer said

"Work can be done over a 10-year-period and the farmer can gear up in stages."

The growth in concentrations of livestock that are now needed to make farming economically feasible is easily illustrated by Stauffer.

"It wasn't that many years ago when we just had eight to 10 cows, 20 beef and 1,000 chickens," he explained.

"Today, it's 100 beef, 1,000 hogs and 23,000 chickens."

And the land hasn't grown one inch bigger in that time.

"It's the same with the neighbors and many other farmers in the county."

He points to a cluster of silos only a short distance away.

"There, they have some 40,000 chickens and maybe 200 beef cattle."

And Stauffer doesn't need any reminders about urban encroachment. His farm, like others, could be likened to an Oreo cookie. The Stauffer land is the white creamy filling sandwiched between two layers of darker residential pastry.

Walking up that same sloping hill that has just received the latest in conservation improvements clearly illustrates the approaching residential tentacles.

Reaching the first terrace, chimneys and rooftops come in view.

By the second terrace, the string of homes takes on definite shape.

And on the third terrace level, the mixed bag of split-levels and ranchers loom huge on the horizon.

But the visual presence of the nearby homes isn't the only pressure that is felt.

When Stauffer installed his first waterway system a little over a decade and a half ago, a lot was bringing about $1,000. Now, a half-acre lot commands a $17,500 price.

Stauffer is also quite involved in farmland preservation, which could be described as the ultimate commitment to soil stewardship.

Efforts are continuing toward the establishment of Lancaster County's first ag preserve district in that area of Ephrata Township and extending over into Clay Township.

"We're working with some 18 landowners and about 1,000 contiguous acres," he explained.

"We need to make sure that if farmers commit to the preserve that there is enough land to guarantee their future in farming."

Leaning against the rail fence, Stauffer adds:

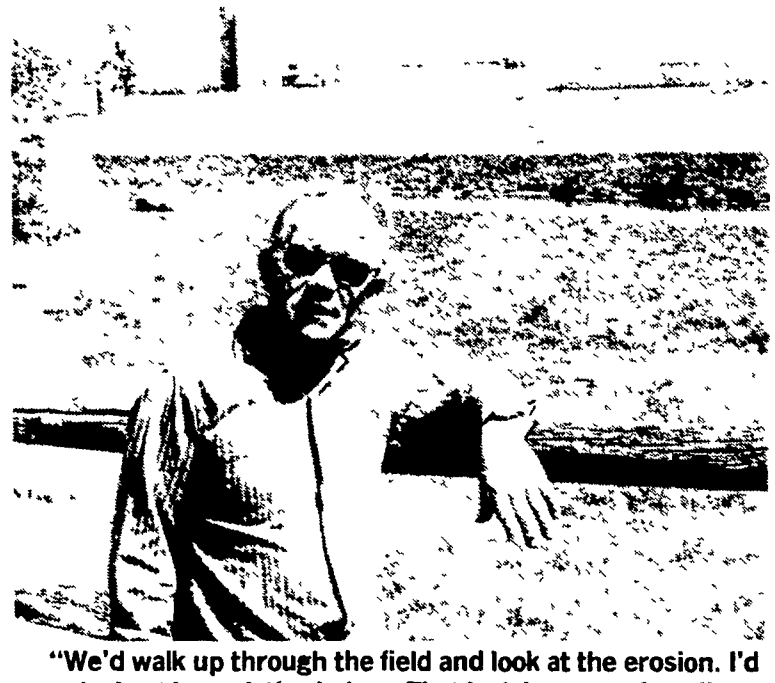
"We really don't own any of this ground. We're only stewards of it.

"We should make every effort to improve and not abuse it.

"We're blessed with unique soils and weather conditions here in Lancaster County. Most are good soil husbands and farmers. But there is room for improvement in conservation."

Down below, one of the wild ganders chips in his honk of approval.

His recollection:



"We'd walk up through the field and look at the erosion. I'd see the hurt in my father's face. That look impressed me."

Trooper drives a tractor

(Continued from Page B16)

gift shop in my home, but when Sam asked me about this, it seemed like a good idea to have the market and then I could put in the crafts too I wasn't too keen on the whole idea and taking on all this work at first, but after talking with the Conovers, I got really anxious to get started '

In June 1981, the Conover market signs came down and Frymyers Farm Market was painted on the soffitt board. Jean has just recently added a snack bar to the market featuring subs, pizza, and dairy desserts She also carries gardening plants and supplies, health snack foods, fresh produce including fresh vegetables grown by Amish neighbors, bulk cheese, hanging baskets, locally made bologna, Pa Dutch products, Lucky Leaf products, and much more

When establishing the business, Sam and Jean worked together, but now Jean totally manages the markets on her own

"Being a salestype person just comes naturally for me since I like people We made contacts with suppliers through friends and through the Conovers Things just seem to come along, and when I find something I really like, I put it in," Jean said

To anyone considering the farm market business Jean cautions, Watch what you buy until you know what your volume is A small business can't afford to compete with big grocery store prices When it comes to perishables, don't get too big too fast "

Though Sam and Jean are busy people, they both agree that they always try to find some extra time for their two sons, Kevin, 11 and Shawn 7 Sam points out that the boys are expected to help around the farm, but they also have their own activities and are encouraged to participate in them

Jean added with a sigh, The kids are really no problem now, what with school and their grandmother close at hand, but there is an imbalance in our homelife right now This is going to change with a change in my schedule Its important for us to be good parents The kids understand that this is a sacrifice that we all have to make right now and it goes with getting started Hopefully, it will provide a better life for all of us "

Egg month fact

According to United Egg Producers, three blind men shelled 12,600 eggs in a 7-¼-hour shift in a hotel restaurant

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15.5x38, 6 ply	$220.72
16.9x34, 6 ply	$250.00
16.9x38, 6 ply	$275.00
18.4x38, 8 ply	$364.12
20.8x38, 8 ply	$530.00
20.8x34, 6 ply	$450.00
18.4x34, 6 ply	$289.00
18.4x34 8 ply	$325.00
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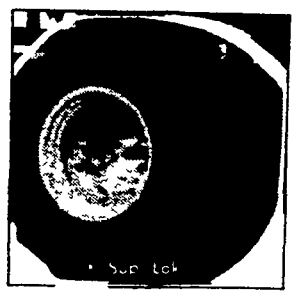

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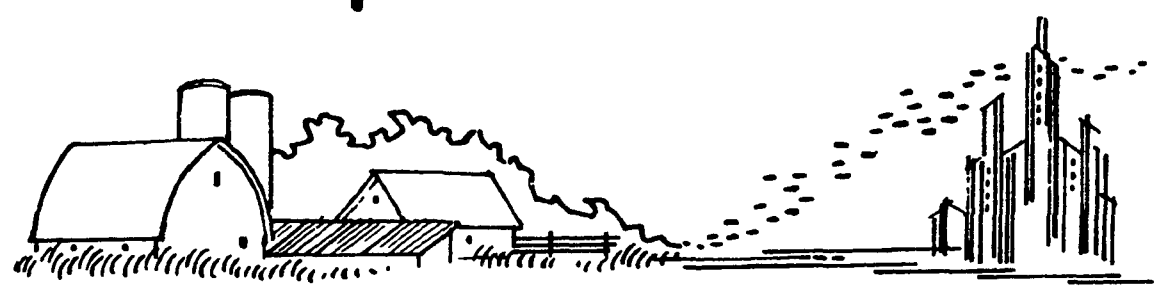
Back-to-country trend reshapes rural America



LANCASTER — The back-to-country trend that emerged in the 1970's may consist of several population shifts that are changing the idea of rural America.

A new study of 1980 U.S. Census data by USDA population specialist Calvin L. Beale confirms that real migration—not just urban spillover—is behind the trend.

Spillover contributed to the 17.4-percent population gain in counties adjacent to metropolitan areas in the 1970's, Beale notes. But, in the same period, populations in isolated counties gained 14 percent.

Moreover, isolated counties having no city with as many as 10,000 people gained 13.6 percent compared with a 9.8-percent population increase in metropolitan counties in that period.

The performance of isolated counties means that spillover "has not been the principal source of increase in non-metropolitan growth," Beale suggests.

This reversal is dramatic. Only a decade earlier, metropolitan counties grew in population at four times the rate of non-metropolitan counties: 17 percent versus 4.4 percent. Counties with no city of 10,000 actually lost 2.7 percent from 1960 to 1970.

In the 1960's, urban proximity seemed a dominant factor. Adjacent counties grew more than five times as fast as those isolated from metropolitan areas.

In the 1970's, however, "the new growth occurred disproportionately in low density and open-country districts," he says In fact, the less densely populated a county was in the 1960's, the greater was its increase from 1970 to 1980.

"The rural open-country and village population grew by 5.6 million from 1970 to 1980. Only the decade from 1850 to 1860 saw rural growth of this amount."

Widespread Gains

Rural gains were so widespread that all but three states—Connecticut, Indiana, and Rhode Island — showed increases in nonmetropolitan growth.

So sweeping was this rural growth trend that even poorer counties benefited. "There is now almost no relationship between the income level of non-metropolitan counties and their rate of population change," Beales notes.

This is a reversal of trends in past decades when poorer counties lost population heavily.

In the 1960's, counties with median family incomes of $10,000 or more (in 1969) gained 18.6 percent, compared with an 8.2-percent loss among the poorest counties with $5,000 or less in median family income.

In the 1970's, the richest counties gained 16.9 percent, while the poorest counties had 12.3 percent more people.

Behind these overall statistics are major changes among the people who live in rural counties. "The people who have moved into rural and small town areas during recent years represent a wide range of backgrounds," Beale says. "The full spectrum of education, age, income and occupational categories is present."

One result of this changing mix is that the median age in non-metropolitan counties is rising more slowly. A survey found that 69 percent of urban people moving to the country were under 35 years old, and more than a fifth were under age 15.

Racially, new nonmetro residents are disproportionately white-about 94 percent-and more likely to work in white collar jobs than longer term rural people. However, rural blacks can also points to some progress.

"The level of rural black population has stabilized considerably," Beale says. Predominantly black counties gained 3.2 percent in population in the 1970's, compared with a 9.8-percent loss in the previous decades.

Behind the Turnaround

What's behind this turnaround in migration trends? Beale cites several economic and social factors:

• The decades-old displacement from farming is now so small that it can no longer dominate rural trends," he says. In the 1960's, 2 million jobs in agriculture disappeared. In the 1970's, only 150,000 jobs were lost.

• Nonfarm job opportunities in rural counties have improved greatly. Perhaps surprisingly, most of this growth occurred in service industry jobs, not in manufacturing.

In the 1960's, manufacturing provided 31 percent of new nonmetro, nonfarm jobs. But, in the 1970's, only 15 percent of such jobs came from manufacturing industries.

• Social factors, such as a clean environment and rural lifestyles, are the big draws for newcomers, according to several surveys of new rural residents.

• Retired people often find economic and social advantages in moving to the countryside. In fact, the 200 nonmetro counties which, in the 1960's, were most popular among retirees showed a 47-percent growth in the 1970's.

Beale stressed tht in most of these counties, newcomers during the past decade weren't predominantly of retirement age.

"None of this is to imply that America is on its way to becoming a non-metropolitan nation again. Three-fourths of the people still live in metropolitan areas," Beale says.

"We are experiencing a drop in the average size of communities, but the dominant character of the society is still very much metropolitan.

Drawbacks

The rural population surge hasn't been without its drawbacks, especially for rural governments.

"Not only must the local governments extend existing services to a growing population, but new residents often demand public services at levels more similar to those provided in urban areas," Beale says.

"As a result, in the mid-1970's local government expenditures per capita were increasing at a faster rate in non-metropolitan areas than in metropolitan areas."

In some areas, long-term residents aren't happy about the growth, particularly in some western states where water is scarce and the environment is revered.

While Beale expects the current trend to continue, he notes that in the last few years the rural job growth rates has dropped to the urban rate, and that the rural unemployment rate has overtaken the urban rate.

"These more recent trends could indicate that the bloom is off the non-metropolitan economic surge," he says, "even though a return to preturnaround conditions is highly unlikely."

Despite such economic dampening, he contends that social motivations will continue to lure city dwellers and to keep rural people in their home counties "until the popular perception of the conditions and terms of life in large urban areas improves, and/or until the philosophic underpinning of the shift to smaller communities weakens."

A boon or a bane?

Has the population growth surge in rural counties been a boon or a bane?

"I would say that, on balance, it is beneficial," contends USDA population specialist Calvin L. Beale. He lists several advantages and disadvantages.

On the plus side:

• It creates a "better balance of population growth and economic opportunity" within the nation.

• It provides new residential freedom. "We now have more people living where they want to live rather than merely where they feel economic circumstances dictate."

• It indicates "that basic material conditions of life in rural areas at long last approximate those in urban areas sufficiently to make rural living attractive." This includes electricity, water, central heating, communications, paved roads, education, and job choices.

• It retains and attracts younger people to stablize the age composition of counties except in retirement areas. Previously, the average age increased as young people migrated out. This, in turn, helps end "the decades-long atmosphere of economic and social decline and decay that overhung so many communities."

On the minus side:

• Farmland is lost to sprawling rural population growth, and farmers may be restricted from traditional farming practices.

• Open-country settlement entails higher distribution costs for services.

• Declining population in large cities creates national social and economic problems.

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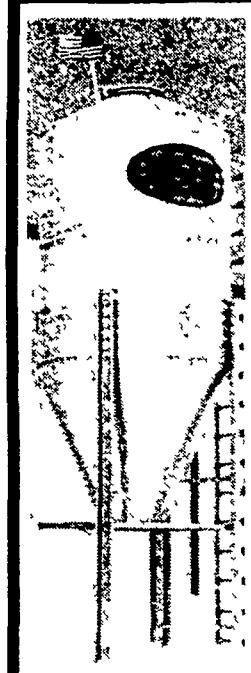

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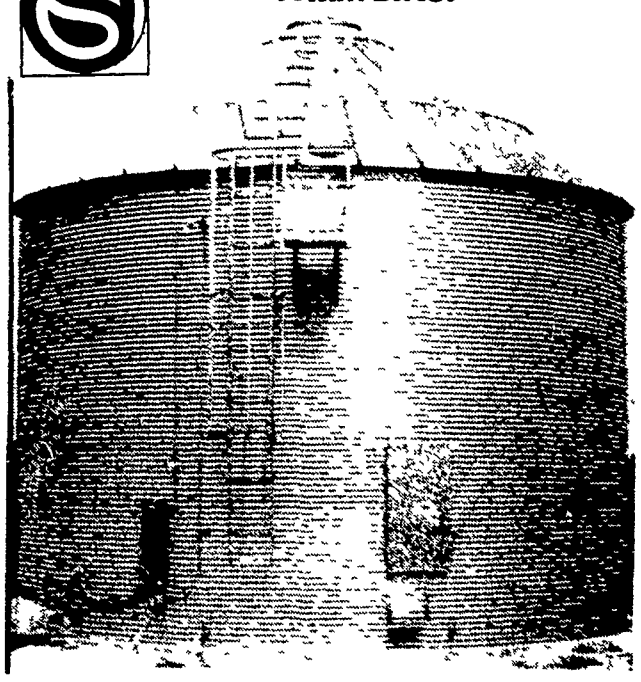

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Penn Willow Club conducts road clean-up

The Penn Willow Club conducted their annual roadside clean-up in Conestoga, Pequea and New Providence townships on May 7. Approximately 40 members, leaders and drivers for 6 trucks helped with the collection. Following the clean-up, a doggie roast was held at the farm of Elvin Hess in Conestoga.

Officers of the Penn Willow Community 4-H Club area, l to r, Stacey Goss and Mike Ditzler, game and song leaders; back row, Brenda Hess, news reporter; Sherry Goss, vice president, and Marcie Ditzler, secretary

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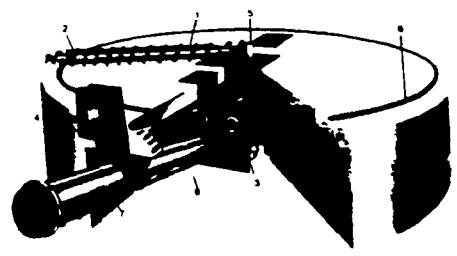

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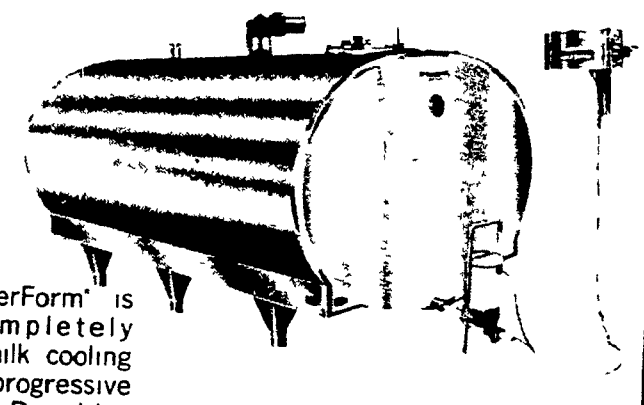

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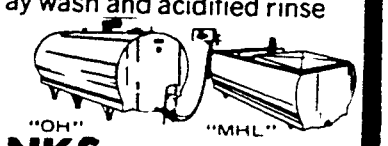

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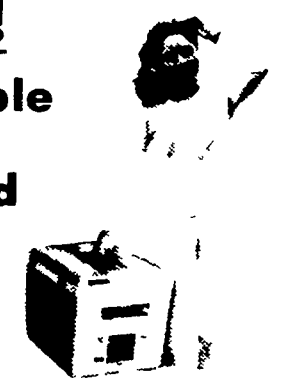

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

HELP YOU WITH YOUR ESTATE

You don't have to be a Rockefeller to have an estate. If you own any property — a car, a house, stocks, bonds, or money in the bank — you have an estate. If you don't decide what will happen to it after you die the Pennsylvania court will.

But choosing an estate lawyer isn't always easy. Here are some suggestions to help you make that choice.

— Find out what lawyers in your area specialize in estate matters. One who handles real estate or accident settlements may not be entirely up to date on current tax laws.

— Don't rely on the yellow pages. Ask someone familiar with financial management: a trust officer in your bank, your insurance agent, a public accountant, or the lawyer who helped you settle your house. In some cities, the American Bar Association keeps lists of its members' specialties for public information.

— If you live near a university or law school, contact faculty members who teach family law and ask for their recommendations. If your company has a legal department or retains a law firm — you could contact one of these to recommend a specialist.

— If you're still in doubt, call several lawyers who have been recommended. Ask if they specialize in estate planning, ask about their procedures, and by all means, ask what they charge.

Your lawyer needs your help and cooperation to give you the best estate planning so once you've made the choice and made the appointment, go prepared. Be sure you take the following with you:

1. A list of your assets – what you own – and their current market value.

2. A list of your liabilities - what you owe to to others.

3. A list of beneficiaries – friends, family, organizations who you want to receive your property when you die.

4. The names and addresses of people you have selected to be financial and personal guardians to your children or others for whom you have responsibility.

4d. Choose someone who shares your ideas about raising children, and be sure they agree to accept the responsibility.

5. The numbers and names of your stocks, bonds, insurance policies, and bank accounts.

6. The name and address of your executor or executrix – the person you want to administer and carry out the provisions of your will. Chooose someone who is knowledgeable about financial matters, and be sure they agree to the arrangement.

MANAGING STRESS

What can we do to handle the stress that we encounter in our daily lives? How can we make our lives run more smoothly and therefore more fulfilling?

First, try to identify your stress and then try to evaluate it. What does the situation mean to you and what can you do about it? Try to be realistic; seek alternative approaches to the problem, and take action to resolve the difficulty rather than merely fretting about it.

Taking up an active exercise such as swimming, jogging, cycling, or even brisk walking, will help work off the physical effects that stress has on your body. Becoming involved in recreational activities is a good stress management technique. It provides a way of burning off that stored up tension and contributes to good health. Golf, tennis and boating, combine both mental and physical release which is especially important in stress management. Keep in mind, however, that you do need to be careful to keep the competitive attitude under control. If you don't you lose the positive effects of the activity.

Learn to relax. You might try one relaxation technique which involves tensing and relaxing various muscles. You can do this by sitting comfortably and closing your eyes. Breathe in and out deeply for a few moments and begin to imagine a calm, tranquil setting. As you become more relaxed, slowly clench a fist tighter and tighter. Note the feeling of tension it produces in the fist, hand, and forearm. Then relax the fist. This should reveal the contrast between the feeling of tension and relaxation. Repeat this process with other muscles – the jaw, neck, back, buttocks, thighs, calves. Relaxing after tensing helps you to become more relaxed and helps relieve a lot of tension.

Another effective way of reducing stress is to become involved in activities such as painting, sculpting, sewing, gardening, listening to music, going to museums, reading, or writing poetry. Find something that gives you pleasure and relaxation.

Talking your problems over with friends can help put things in perspective. Building a support system of understanding friends and developing open communication with them can help reduce tension and stress.

Fulton Grange

Fulton Grange members and their families toured the Herr's Potato Chip plant at Nottingham, May 10.

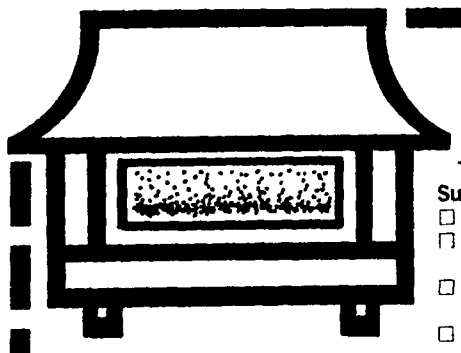
Cash awards are being given to the dairy princess pageant and the top ranking senior student from Solanco in agriculture and home economics.

On Sunday, May 16, Fulton Grange will have a covered dish supper at 7 p m at the Grange Hall followed by their annual "Go-to-church" night.

Chaplain Shirley Galbreath will present the annual memorial service at the next meeting, May 24: and June 14 will be the annual homemade ice cream and strawberry night. The program will be in charge of the ag committee and will feature a cow-calling contest.

Egg month fact

According to United Egg Producers, the record for eating eggs is 14 hard-cooked eggs in 58 seconds, 32 soft-boiled in 78 seconds, and an amazing 13 raw eggs in 2.2 seconds.



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- manufactured from the highest quality raw materials available to the fertilizer industry.
- a true solution with a near neutral PH and a low salt index
- a non-corrosive product
- will not settle out or freeze

GREENVIEW APPLICATIONS
- corn
- beans
- small grains
- vegetables

GREENVIEW INGREDIENTS INCLUDE:
Nitrogen (N)
Aqua & Urea

Phosphate (P_2O_5)
Phosphoric Acid
(white acid)

Potash (K_2O)
Potassium Hydroxide

Available analysis include:
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GREENVIEW ADVANTAGES:
- An effective, easy to use starter fertilizer
- A high quality product the average farmer can afford

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TEXACO PETROLEUM PRODUCTS
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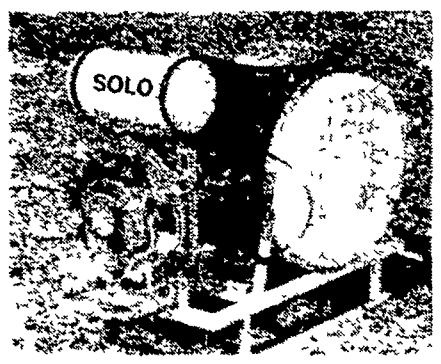
SIMPLICITY LAWN & GARDEN EQUIPMENT
EASTON 215-258-2871

AIR BLAST SPRAYER



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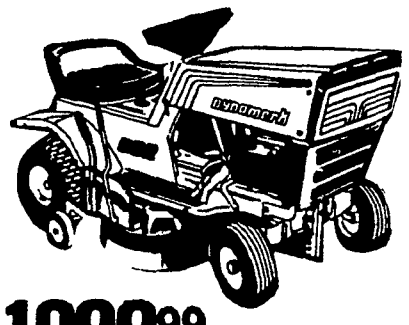

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Reg 1159.99 / SAVE 60.00
36" Rear Discharge 22546-258
1149.99 Reg 1229.99 / Save 80.00
42" Deck 22752-258
Dynamark 11 Hp. 6 Speed Tractor
Synchro balanced engine key ignition electric starting sealed beam headlights and a heavy duty Transaxle with disc brake & automotive differential section 6 forward speeds 1 reverse Available with either a 36" rear discharge twin blade cutting deck or a 42" side discharge triple blade deck

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Dynamark 11 Hp. 36" Side Discharge Variable Speed
Includes 36" twin blade Side discharge Synchro-balanced Briggs & Stratton engine Variable speed drive

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22738-258
Dynamark 5 Hp. 32" Recoil Start
REAR DISCHARGE cutting deck 1 speed gear drive-Fwd N-Rev with differential and disc brake Twin blades for full 32" cut Rack and Pinion steering with adjustable ball joints

1699.99
Reg 1899.99 / SAVE 200.00
18 Hp 22654-258
1499.99 Reg 1599.99 Save 100.00
18 Hp 22745-258
Dynamark 18 Hp. Ground Engaging Tractor & 42" Mower
Includes 42" triple blade mower deck twin cylinder Synchro-balanced Briggs & Stratton engine electric start 4 speeds forward 1 reverse Optional ground engaging equipment available (plow disc cultivater etc)

YOUR CHOICE
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Reg 3.39 SAVE 26%
12773-001 #3 ⅜ x 1" round bolt
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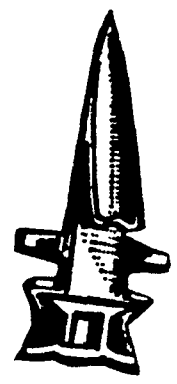
Spring Tooth Shovel
Has a hole and a slot for a universal fit Made from heavy duty ¼" material 2" x 11" x ¼"



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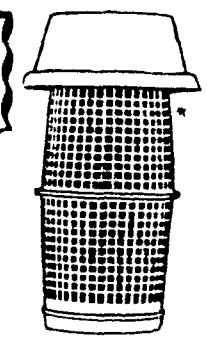
Reg 2.89 / SAVE 6%
12361-006
Universal Rock Guard
New Universal Rock Guards made to replace all mower guards except MF Dyna-Balance mower Made from long wearing malleable iron



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Bug Killer
The acreage listed for each model indicates the estimated outdoor area
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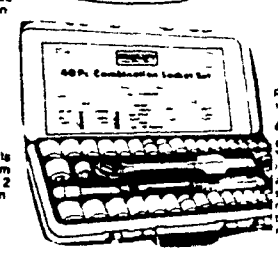
Save Up to 15% New Rubber Torsion Rake Teeth
Double 15532-075 Reg 5.49 SALE **4.99**
Single 18533-075 Reg 3.17 SALE **2.69**



3.29
Reg 3.89 / SAVE 10%
12091-006
Rock Guard
For longer service in rocky soils and heavy cutting Made farm longwearing malleable iron Wt 2 lbs For Ford-Dearborn-Ferguson replaces no 141008 and N12

7.99
Reg 11.86 SAVE 3.89
13557-022
40 Pc ¼"-⅜" Dr Socket Set
Includes 8 sockets ¼" to ⅜" and 4.5 mm to 12 mm 16" x ¼" drive sockets ⅜" and 9 mm to 19 mm ratchet spinner extension adaptor spark plug socket packed in metal

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31.99
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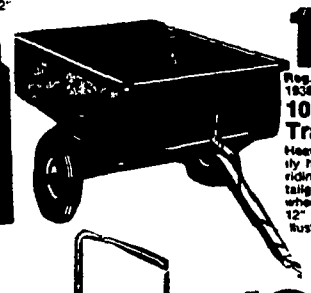
12 Volt Garden Tractor Battery
Powerful 54 plate battery rated at 30 amp hours Size 7¾" x 5⅛" x 7¾"
FTC LM9L 15743-252
FTC LM9R 15771-252



124.99
Reg 129.88 / SAVE 5.11
18388-243
10 Cu. Ft. Trailer Cart
Heavy steel body Quickly and easily hitches to a garden tractor or riding mower Removable sloping tailgate. Large pneumatic tired wheels. Body 48" long 30" wide 12" deep Design may vary from illustration

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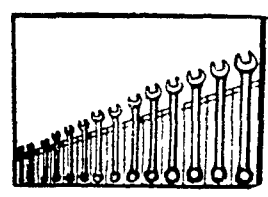
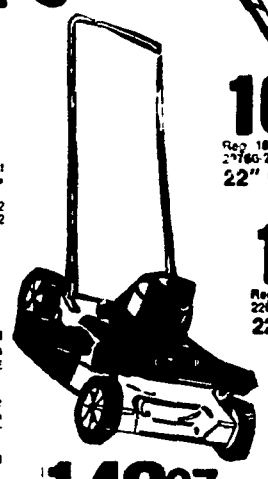
754000-163
6" Leather Work Shoe
Resists acids in the dirt and barnyard and fully oil resistant Features inverted wedge heel with cushioned inside and rolled leather Available in half sizes from 7 to 12
Size 13 Reg 29.49



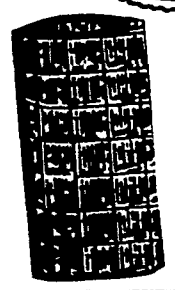
22.99
Reg 32.77 SAVE 9.78
13447-022
14 Piece Wrench Set
Combination box and open end in its own roll up pouch Sizes ¼" to 1"

Get a $13.00 rebate on the McCulloch Mac 60 Gas Powered Trimmer
112.99 Central Tractor's SALE PRICE
13.00 Less Rebate from McCulloch
99.99 Your Final Net Cost



169.99
Reg 189.99 / SAVE 20.00
21760-258
22" Cut 3½ H.P.

139.88
Reg 159.88 / SAVE 20.00
22615-258
22" Cut 3½ H.P.



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Combination box and open end in its own roll out pouch Made in sizes ¼" to ¾"

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6" Heavy Duty Vise
This massive vise weighs 72 pounds Big 6" wide 4" deep jaws open to 7" positive locking 200° swivel base oversized anvil and large forming horn

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Lawn Tractor Powered 9" String Trimmer

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17981-113
Transistorized Fence Charger
Solid state-no moving parts means trouble-free operation

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Category 1 Tandem Disc Harrow

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17895-130
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48" long made of ¼" steel

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Reg 99.99 SAVE 10.00
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24.99
Reg 37.88 / SAVE 2.89
11168-097
⅜" Variable Speed Reversing Drill

127.99
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29131-342
Gasoline Powered String Trimmer ST100

149.97
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22622-258
22" Cut 3½ H.P.

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18001-114
1½ Gal. Sprayer
6" pump with 12" extension no carrying strap

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Module Fencer
Holds animals better under conditions such as wet fences weeds and grass Shocks through wet weeds

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Smooth galvanized steel wire for use with electric fence chargers

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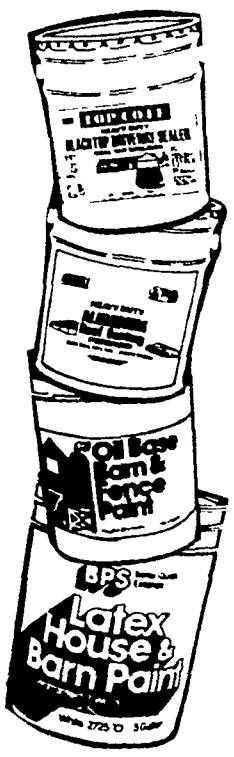
Wet-Dry Shop Vacuum

6.99
Reg 9.47 / SAVE 2.48
14010-272
5 Gallons Driveway Coating



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13947-012
5 Gallons Aluminum Roof Coating

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Toro Trimmer 910

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½ Horsepower Air Compressor

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17984-106
2 Hp. Air Compressor

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RO-HO Gardener
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Four pack of C or D cell batteries

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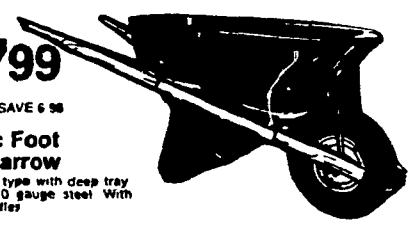
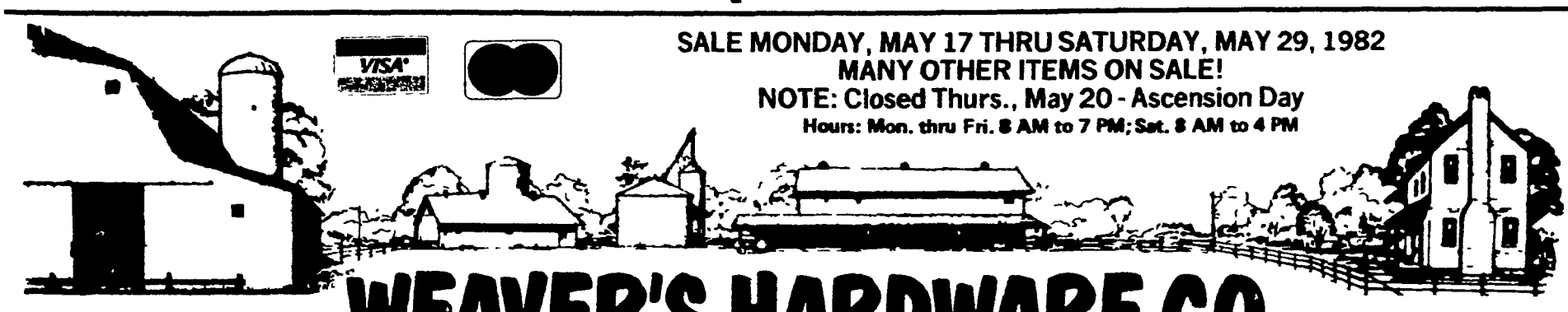
Reg 6.19 / SAVE 1.20
23801-196
Mail Box
Galvanized steel construction aluminum color 6½" wide 8¾" high 18¾" long



67.99
Reg 74.97 / SAVE 6.98
19379-243
5 Cubic Foot Wheelbarrow
Contractor's type with deep tray Built from 10 gauge steel With wooden handles



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E-Town FFA hails successful year with banquet

ELIZABETHTOWN — The Elizabethtown FFA Chapter added the crowning touch to another successful year of activities with its annual awards banquet in the Middle School Cafeteria on Thursday, May 6

Chapter officers, members and their advisors, William Erikson and Al Martin, highlighted some of the outstanding achievements of the past year through the presentation of awards before an audience of parents, school officials and other guests.

At the forefront of the award winners were four chapter members who were singled out for special achievement:

Kim Erikson, who served as chapter reporter during the past year and had won the Regional Creed Speaking Contest at Kutztown earlier in the day, was named Star Greenhand among the first-year students.

Tracey Stowe, who was vice president of the chapter during the past year and active in many chapter contests and other events, received the Star Chapter Farmer award.

Chapter president Randy Greenly was presented the DeKalb Achievement Award.

Michael Shope, who was among four receiving their chapter degrees, was presented the Lancaster County Bankers Association Outstanding Senior Award.

In the area of chapter fund-raising events, Glenn Barnett was cited as the top salesman with the presentation of a portable TV and Glenn Ellis was honored as runnerup with the presentation of a CB.

Chapter members who were presented FFA Foundation Awards to recognize proficiency in specific phases of the vo-ag program included.

Kevin Noll, dairy production; Chris Horne and Mike Good, fish and wildlife management; Glenn Ellis, extemporaneous public speaking; Nelson Ruhl, public speaking; John Dohner, crop production; Allen Geyer, swine production.

Also, Cyndie Retherford, fruit and vegetable production; Mitch Hukill, outdoor recreation; Tracey Stowe, turf and landscape management; Keith Thomas, outdoor recreation; Tim Albright, soil and water management; John Amsbaugh and Ron Bernhard, agricultural mechanics.

Star Chapter Farmer of the Elizabethtown FFA Chapter is Tracey Stowe, left; and Star Greenhand is Kim Erikson.

Among the top award winners at the Elizabethtown FFA banquet are Randy Greenly, left, who received the Dekalb Achievement Award; and Mike Shope, who was named the outstanding senior.

In Lancaster County contests, Elizabethtown teams had a banner year, finishing first in agronomy, meats judging, dairy products judging and tractor driving and second in poultry judging.

Outstanding participants in chapter competition in their order of achievement in these areas included.

Agronomy – Tim Albright, Kevin Noll, Tracey Stowe, Randy Greenly, Ken Ruhl, Ken Noll, Joel Brandt, Kim Erikson and John Dohner.

Meats Judging – Dave Kauffman, Tracey Stowe, Cyndie Retherford, Tim Albright, Kim Erikson and Jackie Childs, tie, Randy Greenly, Brian Matheny, Ken Noll and Glenn Barnett.

Dairy Products Judging – Ken Ruhl, Tracey Stowe, Joel Brandt, John Dohner and Dave Kauffman, tie, Ken Noll, Kim Erikson, Roger Shenk, Ben Burkholder and Jackie Childs.

Poultry Judging – Kevin Noll, Ken Noll, Kim Erikson, John Amsbaugh and John Dohner, tie, Nelson Dohner, Ken Smithey, Ray Lookenbill, Steve Strickland, Dave Kauffman and Ben Burkholder.

Dave Kauffman was the county tractor driving champion.

Steve Kauffman was cited for his State Proficiency Award in Dairy Production and his naming as Eastern Regional Star Farmer last year.

Recognized for their placings in last year's State FFA Week judging competition were Kim Erikson, gold award in creed speaking; Tracey Stowe, bronze in meats; Dave Kauffman, bronze in meats; Jay Garber, silver in poultry Kevin Noll and Randy Greenly, gold in dairy foods; and Darrell Lehman, gold in poultry.

Officer pins were presented to Randy Greenly, president; Tracey Stowe, vice president; Jackie Childs, secretary; Cyndie Retherford, treasurer; Kim Erikson, reporter; and Kevin Noll, sentinel.

Degree recipients were also honored. They include:

Greenhand Degrees – Ben Burkholder, Brian Putt, Ken Fanus, Mark Retherford, Kim Erikson, Richard Retherford, Ken Noll, Brian Billman, Glenn Barnett, Chris Horne, Nelson Ruhl, Kent Kaylor, Jim Bixler, Mike Good, Dwight Aungst and Chris Stroh.

Chapter Degrees – Jackie Childs, Ken Ruhl, Nelson Dohner and Michael Shope.

Red Rose Degree – Joel Brandt, Kevin Noll, Cyndie Retherford, Dave Kauffman and Randy Greenly.

Kestone Degrees – Jay Garber and Darrell Lehman.—DA

Conrad Weiser chapter elects

ROBESONIA — Scott Troutman has been reelected president of the Conrad Weiser FFA Chapter.

The chapter's new vice president is Troy Cox, who moved up from the secretary post; and Pauline Noss, who served as reporter during the past year, assumes the position of secretary.

Reelected to the posts they held during the past year are Mike Miller, sentinel; and John Stauffer, chaplain.

Newly elected to chapter offices are Andy Hess, reporter; Ronald Nolt, assistant reporter; Tim Gelsinger, treasurer; John Sonnen, assistant treasurer.

The chapter also has added two new offices for the coming year. Filling these new offices are Tracy Smith and Paul Marks, chapter historians; and Charles Nolt, chapter parliamentarian.

Bernard gets DeKalb award

ELVERSON — Wade Bernard, son of Mr. and Mrs. Charles Bernard, of Elverson, and member of the Twin Valley FFA, has been named winner of the chapter's 1982 Dekalb Agricultural Accomplishment Award

Bernard has served as historian and vice president of the Twin Valley Chapter. His agricultural experience program concentrates on horticulture and Bernard plans to attend Penn State and major in that field following graduation

Bernard receives a pin and certificate and his name is inscribed on a special plaque displayed in the Twin Valley vo-ag classroom

The award is designed to recognize outstanding proficiency in three main areas – scholarship, leadership and supervised agricultural program

Wade Bernard

Pequea Valley FFA elects officers

INTERCOURSE — Eric Wanner, son of Mr. and Mrs. Samuel M. Wanner, R2 Narvon, has been elected president of the Pequea Valley FFA Chapter for the coming year.

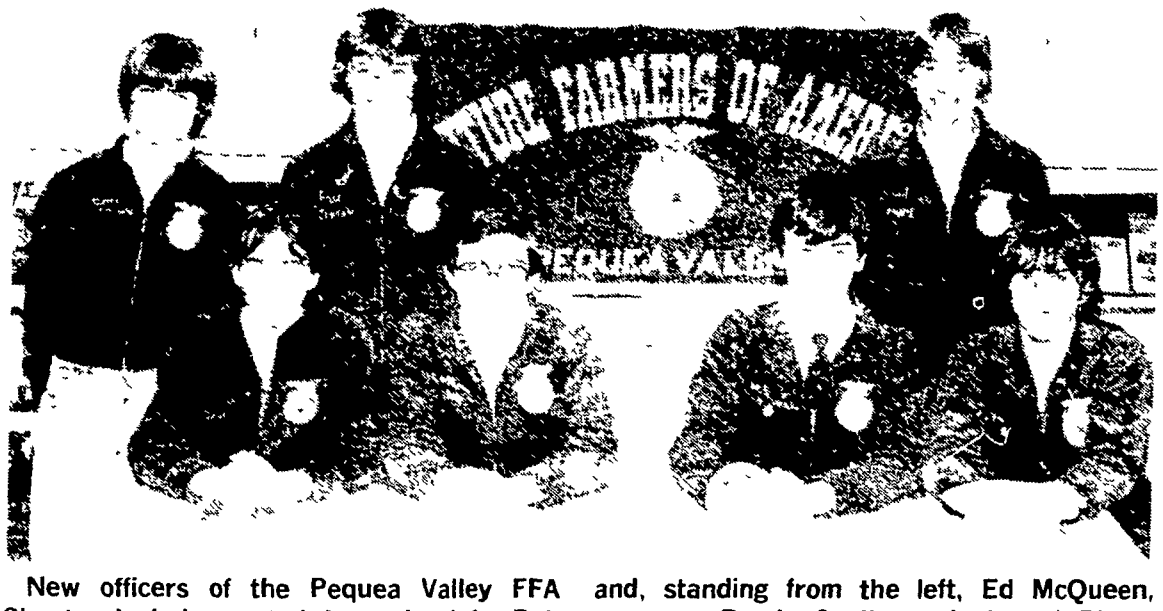
Wanner, who will be a senior in the vocational agriculture program at Pequea Valley High School, served as vice president of the chapter during the past year.

Other new officers of the 43-member chapter include.

Frank Hartley, vice president; Bob Buohl, chaplain; Ron Groff, secretary; Ed McQueen, reporter; Blaine Stoltzfus, treasurer; Randy Groff and Craig Weaver, sentinels. Weaver will be the only other senior on the officer slate; while Buohl and Hartley will be juniors and the Groffs, McQueen and Stoltzfus are completing their first-year as Greenhands.

The chapter will again be conducting a pheasant hatching and stocking program among farms in the area of the high school. The chapter has hatched a batch of 50 pheasant chicks for several area farmers and is now beginning the hatch of another hundred, which members will be stocking about the end of August.

The chapter also is presently preparing for participation in the State FFA Week judging activities in mid-June. Jeff Feister and Mark Frey will be competing in the small gasoline engine competition and other members are vieing for competition in the agronomy and dairy foods categories.—DA



New officers of the Pequea Valley FFA Chapter include, seated from the left, Bob Buohl, chaplain; Frank Hartley, vice president; Eric Wanner, president; Ron Groff, secretary; and, standing from the left, Ed McQueen, reporter; Randy Groff, sentinel; and Blaine Stoltzfus, treasurer. Also serving in the sentinel post is Craig Weaver.

National FFA winners begin European tour

JONESTOWN — A group of National FFA award winners, including Lisa Weikel, of Jonestown, Lebanon County, has just departed on a 17-day tour of Europe.

In its fourth year, the tour is part of the recognition given to the National Proficiency Award winners named at the National FFA Convention in Kansas City last November.

Weikel, of the Northern Lebanon FFA Chapter, was the National Proficiency Winner in Poultry Production.

The 22 proficiency award winners and the Star Agribusinessman of America will visit France, England, Germany, Switzerland and Austria on the tour.

Included in the tour will be visits with farm families in Switzerland and England, attendance at the German Agricultural Society Show and viewing activities at the largest livestock auction in Europe.

Cities which will be visited as major stops are London, Munich and Innsbruck.

The group will return home on June 1 and will host a Capitol Hill breakfast to share their experiences with congressmen and senators.

The national proficiency awards program and the tour are sponsored by businesses and industries who provide support through the National FFA Foundation, Inc.

ELCO chapter elects officers

MYERSTOWN — The ELCO FFA Chapter recently held an election of officers for the coming school year.

President of the chapter at Eastern Lebanon County High School is Joe Gingrich. Other officers include Norma Kurtz, vice president; Carl Detweiler, secretary; David Hull, treasurer; Donna Stauffer, reporter; Charlie Kline, sentinel; Scott Condran, chaplain; Diane Hackman, parliamentarian, and Bruce Heilinger, historian

Two members of the chapter recently competed in the regional creed speaking competition Charlie Kline finished third in the competition and Bryan Eberly was fourth. Kline will compete in the State Creed Contest during FFA Activities Week at Penn State in June.

F.W.S. Calendar

Saturday, May 15

Lancaster Society 19 meets for a program by Krafty Korner

Lancaster Society 15 meets for a family meal at Willow Valley Restaurant

Lancaster Society 3 meets for a children's talent program

Monday, May 17

Lancaster Society 31 meets for pictures

Lancaster Society 29 meets at the Musser Spring House

Lancaster Society 30 meets with Esther Martin for a Biblical interpretation show

Tuesday, May 18

Berks Society 6 meets with Erma Bauer for a kitchen safety program

Friday, May 21

Lancaster Society 12 meets at Conestoga View

Saturday, May 22

Lancaster Society 4 meets at the Mountville Church of the Brethren

Lancaster Society 5 meets to hear a program by Lavern Yutzy

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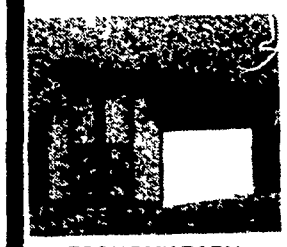
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• 10x14	$675.00	• 10x14	$595.00
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Chapter picks poster winners

ELVERSON — Winners have been selected in the annual Safety Poster Contest conducted by the Twin Valley FFA Chapter among elementary school students.

Following are the winners and the safety slogans on the top posters from the Twin Valley Elementary Center.

Fourth Grade – Betsy Williams, first, Always Use Safety, Andrea Sweigart, second, Don't Eat Junk Foods; and Lori Godown, third, Don't Play with Matches.

Fifth Grade – Ann Miller, first, Safety When Fishing; Laura Skillman, second, Don't Smoke or Your Lungs Will Choke; and Kristen Hauptly, third, Wear a Life Jacket.

Sixth Grade – Gerald Asantower, first, Watch Out or Be Wasted; Stacy Yarmush, second, When Jogging at Night Wear Bright Clothes; Pennie Ball, third, Follow the Rule in School.

Winners in the Honey Brook Elementary School were:

Fourth Grade – Erika Perzi, first, Home Safety; Michelle White, second, Don't Take Candy from People You Don't Know; Chris Fitz, third, Play Away from the Road.

Fifth Grade – Scott Dovin, first, Watch Your Step; Eddie Fellenbaum, second, Don't Get Hit, You Might Get Split; and Donald Trent, third, Don't Be Dumb, Don't Play with Guns.

Sixth Grade – Jenifer Mahlon, first, Buckle Your Seat Belts; Christa Rogvich, second, Stay Away From Thin Ice; Lorraine Albaldego, third, Stay Away From Strange Dogs

Judges were Dwight Houck and Ron Bennett.

York-Adams Pomona Grange

YORK — Valley Grange of Lewisbury was host to the May session of the York-Adams Pomona Grange on Saturday May 8th.

The National Grange Sewing Contest Judging was held in the afternoon, with Gladys Sheffer, Pomona Grange women's activity chairman, in charge.

Winner in Class A were: first, Mary McDannell, Biglerville Grange; second, Joyce Reiner, Eureka Grange; third, Evon Bougas, Fawn Grove Grange.

In Class C: First, Joyce Reiner; Second, Patricia Wilson, Non-Member, sponsored by Fawn Grove Grange; third, Joyce Shenberger, sponsored by Red Lion Grange. Each first place winner will go to State Grange Judging at Logan Grange Hall, Centre County, May 19-20.

The York-Adams Pomona Grange voted to send $25 to the deaf program, sponsored by the Pa. State Grange.

Following a covered-dish meal in the evening, a Watermelon Walk was won by Treva Leese, Gideon Grange. Lecturer Wanda Gallimore.

Guest speaker was Richard Waybright fromthe Mason-Dixon Farms. Waybright showed slides on their Farm Operation and Energy saving.

The next meeting for the York-Adams Pomona will be August 28, with Fawn Grove Grange as host. The Women's Activity Department will have judging for their needle work and stuffed toy contest. Members, and non-members may enter these contests.

The principal problem area of erosion and sedimentation include: cropland, pasture, range and forest, urban and highway construction areas, surface mines, channels (streams and rivers), and coastal areas (oceans and lake shores).

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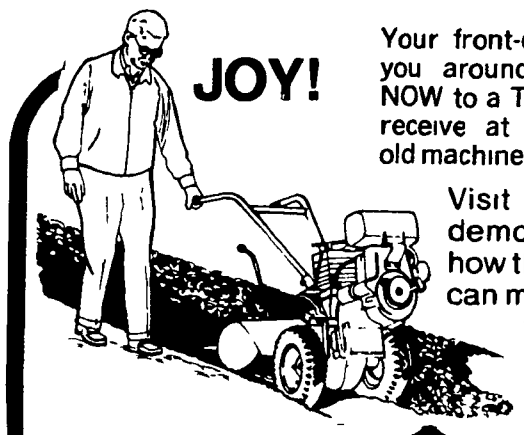

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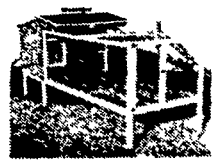

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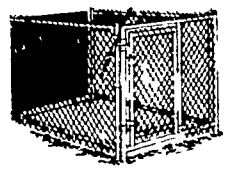

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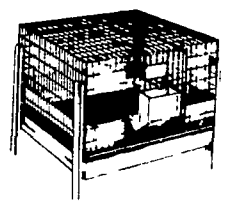

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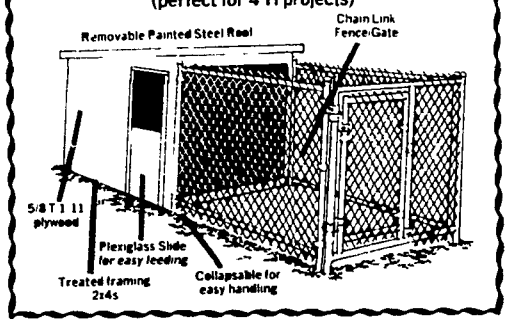
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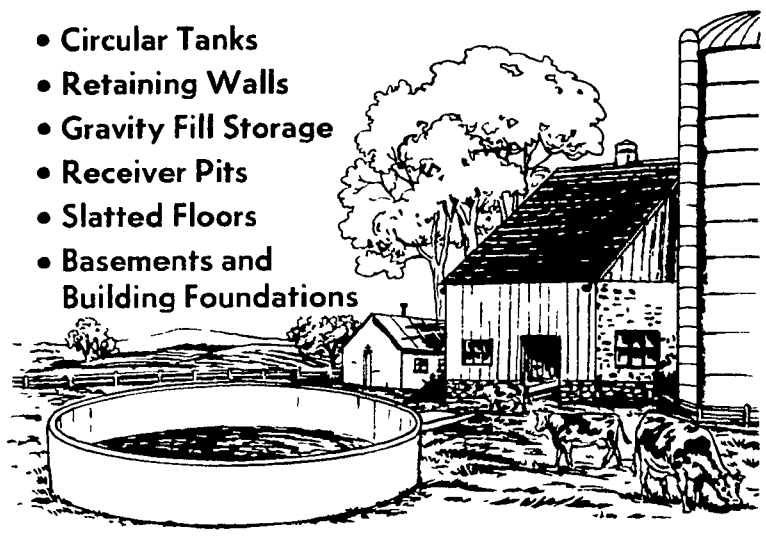

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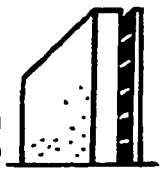

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Bradford holds Homemaker's Day

DURELL — Over 100 homemakers left spring work behind to attend the annual Extension Homemakers Day at the Towanda Gun Club in Durell, May 5.

The program, planned by members of the Home Economics Advisory Board-Cathy Bakalar, nutrition home economist, and Shirley Beard, home economist-included a mixture of information on the Elder Guild which exhibited their crafts, a talk about cancer awareness by an oncology nurse, a speech by a volunteer from the Towanda Women's Center, Inc., and an appraisal of antiques by Tony Nard, local antique dealer.

Georgia Grison, director of Elder Guild, Inc. of Bradford County, stated that the Department of Aging survey reveals that the four county Northern Tier region, one-third of the older people live on below poverty level incomes, and 45% have marginal economic resources.

The Elder Guild was started as a cottage industry four years ago as a cooperative of senior citizens who pay $2 a year dues to belong. They sell their crafts on a consignment basis to meet expenses of running the store.

Membership of the Guild is presently 500 members and in addition to the store in Towanda, there is a store in Mansfield (Tioga County), and in Montrose (Susquehanna County). In the two years that the Towanda store has been opened, sales have doubled to a present $24,000 a year.

The Department of Aging furnishes twenty other programs, including in-home volunteer services for older people, transportation, friendly visiting, an ombudsmen service for advocacy of patients in nursing homes, and others.

Marie Preston, R.N., head of the oncology floor at the Robert Packer Hospital in Sayre, Pennsylvania, thoroughly reviewed all the facts and myths about cancer, stating that a woman should know her own body well enough to know when there are unusual changes that persist. Early detection of cancer has a much better chance of recovery One person in five survive beyond five years in 1930, and in 1980, one in three was cured (Cured is considered five symptom free years.)

When asked about hospice care available in the county, Preston replied that there are no hospice centers closer than Loudres Hospital near Binghamton, but people and volunteers working for the Bradford County Citizens Health Service in Towanda have been trained on this service

After a buffet luncheon, Toni Diantonio, a volunteer for the Towanda Womens Center, said that since the hot line to the Center was established in April of 1981, 175 people have called in.

Volunteers have been trained to answer the hotline call for help and provide support for women and teen-agers to work out their problems legally, attend support groups, find temporary homes, and many other services.

Eighty percent of the problems of abuse are caused by the use of drugs and alcohol, mostly by men who have never been able to control their anger, according to Diantonio. The Volunteer Center is based in North Towanda and can be reached by calling the Bradford County Emergency Dispatch Center 265-9101 or 265-5333

The last speaker was Tony Nard, owner of the North Branch Country Store in Milan. He stated that the popularity of antiques is due to the world changing so rapidly that people are looking to old objects for stability He appraised a large variety of small antiques brought by the women guests

Shirley Beard, right, new home economist in Bradford County this year, looks over a picture scrapbook of antiques with Tony Nard, a local antique dealer. Nard was one of the speakers at the Bradford County spring homemakers day held recently in Durell

Beard closed the day by stating that there will be an upholstery workshop, a quilting workshop, many future sewing classes, a newsletter on "Your Life Alone" for widowed and separated people, and two newsletters for new parents The next Homemakers Day is scheduled for a few weeks before Christmas-J B

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Is water system ready for summer?

UNIVERSITY PARK — If you are in the business of making milk or raising meat or poultry, think about your watering systems before hot weather gets here.

"As temperatures rise, a system that was just barely adequate is bound to fail," says Robert Graves, Penn State Extension agricultural engineer.

If a lot of air comes out of the system or there are times when there is just no water, check your supply system. It may be a loose belt or you could need a new well. Without adequate water for periods of time it is reasonable that growth or production will be curtailed.

If you have plenty of water at your supply but still have empty tubs or slow running water you should check further. Inadequate piping systems, damaged valves, or pipes filled with corrosion or sediment can restrict flow.

Graves says that too often the problem with many farms is the reluctance to provide enough watering space.

"For some reason there is the tendency to skimp on the number of water bowls or the size of water tubs especially in freestall housing or outside lots," he adds.

During the summer it may be a good idea to plan some additional water tubs. Old cast iron bathtubs with appropriate non siphoning float valves makes very serviceable water tubs for summer use.

Remember," says Graves, "if your cows are thirsty because they have to wait in line to drink or because the day's supply of water was used to fill the spray tank, it's costing you money."

Locate watering facilities convenient to feeding and resting areas. They should not be located in bedded areas as there will be a tendency for the area to become messy from spilled water and concentrated animal traffic. Water facilities located too close to feed bunks will become easily contaminated with feed.

Finally be sure you are providing good quality water from a good source and protected from contamination by manure, feed, blowing dust or direct sunshine.

"If the water in your tub isn't inviting for you to drink, perhaps the cows don't like it either," says Graves.

JOHN DEERE

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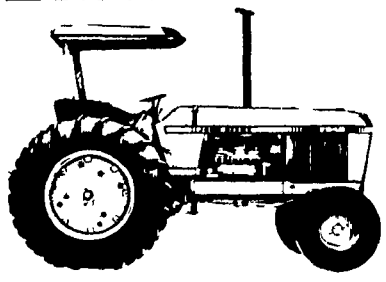

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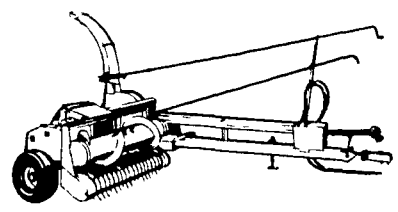

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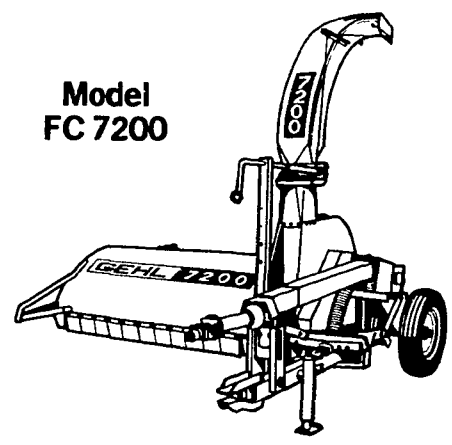

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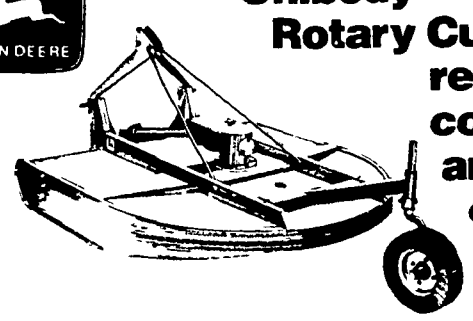

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York shepherds ready for field day, sale

YORK — Sheep and wool producers of York County are wrapping up final preparations for their annual field day and sale, set for Saturday May 22, at the York Inter-State Fairgrounds.

"There have already been a lot of inquiries about the sale by out-of-state sheep breeders," says sale chairman Steve Ebersole.

Sales activity gets underway at noon, with the auctioning of fleeces for home spinning hobbyists. At 12:30 p.m., market lambs for youth projects go in the sales ring, followed by purebred ewe and ram offerings. Special crossbred ewe consignments wrap up the sales activity, including crosses of Finn-Dorset, Rambouillet-Dorset and Rambouillet-Suffolk

Steve Ebersole, chairman of the sheep producers sale, puts final fitting touches on a consignment animal headed to the May 22 auction at the York Fairgrounds. The sale is scheduled as part of the shepherd's annual field day.

The sheep sale caps a morning of educational programs and demonstratinos, opening with judging of sheep classes at 9 30 a.m.

A special field day feature planned is a large sheep-related craft show, opening at 10 a.m. with a spinning demonstration. Included in the craft displays are numerous wool-related skills such as weaving and rug making.

Henry Kuykendall and his four-legged shepherd will present a sheep dog demonstration at 10:30, followed at 11 a.m with a carcass cutting program by Rick Harbaugh of the American Sheep Producers Association

Two "ewe chain" lambs will be awarded during the field day to youth winners in an essay competition. Sponsors of the lamb awards are the Rotary Club and Shelley Bankert, R3 Red Lion.

York County 4-H lamb club is in charge of a lunch stand, and the craft show is scheduled to remain open through the day-long event.

Arrangements for the field day are being coordinated by Greg Lau, Loganville, and Tony Dobrosky, York Extension office livestock agent -J.B.

During last years workshop and picnic, Don Molaro of Dornsife, explains correct hoof structure before demonstrating proper hoof trimming. Assisting him is wife, Roberta at the halter of their doe, Someday Hill Mark's Bellenda 7M.

Heart of Penn Goat club plans workshop

DORNSIFE — The Heart of Penn Dairy Goat Breeders will hold their third annual dairy goat management workshop and picnic on Sunday, May 23 beginning at 11 a m at the Wolf's crossroads Picnic Pavilion near Sunbury

The demonstrations, geared to help breeders with just one goat or an entire herd, include tattooing, disbudding, hoof trimming, milking, milk handling, clipping, selection, injections, mastitis detection and more.

The Club opens its workshop and picnic to all those interested in dairy goats. There will be a small admission charge to help cover rental of the facilities and other workshop-related expenses For more information and directions, contact Roberta Molaro at 717-758-8359.

"The Nation that destroys its soil, destroys itself," warned President Franklin D Roosevelt in 1937 in a letter addressed to all state governors He urged the states to set up soil conservation districts to work with the newly created Soil Conservation Service of the U S Department of Agriculture.

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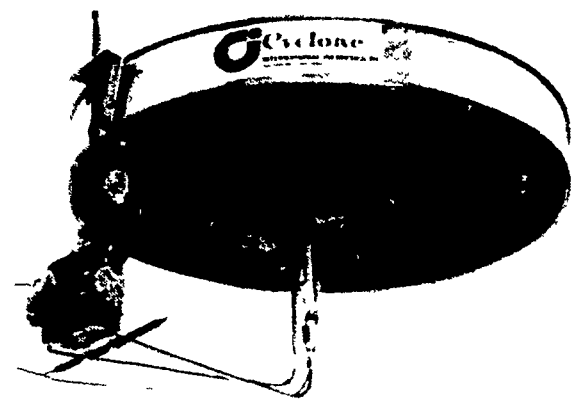
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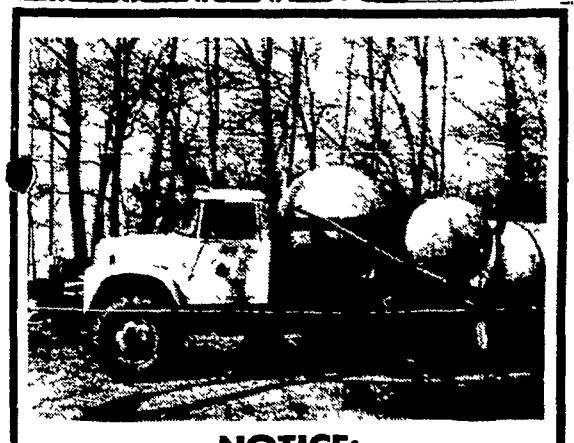
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King Henry daughter tops Boulder View sale

BARABOO, Wis — A 4-year-old King Henry daughter commanded $8,000 to top the recent Second Boulder View Guernsey Sale.

Red Hill Hilda, consigned by Vergil Lorenz, Jr., of Hitchcock, Oklahoma, was purchased by William B Vilter of Hartland, Wisconsin. Vilter's purchase netted him a Very Good 88 with a 2-year-old record of 13,280 pounds of milk and 629 pounds of fat. The high-selling Guernsey is out of Red Hill Champs Floss, a Housleys J Champion daughter.

The annual sale grossed $139,550 on 44 head which averaged $3,172 Consignments arrived from 13 states as well as Canada.

A high-producing 3-year-old brought second top price of $7,000 Chedco TH Honey, consigned by J Hammond Dugan of Springfield, Mass., was purchased by Canadian breeder K.A. Forster of Ontario.

The Top Hornet daughter milked 18,569 pounds of milk and 904 pounds of fat as a first-calf heifer. She is out of Chedco Darimost Honey and bred to Hornback Farm Prince Extra.

The third-high selling animal hailed from the Keystone State and collected a $6,500 bid. Vaughn Moore and family of Chamberburg consigned open heifer Rockmoore Corporals Diana, a full sister to Willow Brook C Dena, the world's Guernsey milk record holder at 35,170 pounds of milk and 1,385 pounds of fat as a 4-year-old.

Thomas Lurvey, Chester and Barb Williams and Ernest Berousek of Baraboo, Wis purchased the 3-month-old heifer. She is sired by Applebrook Fames Corporal and out of Willow Brook D Denise, Ex-90

A bred heifer consigned by Lurvey brought $6,000 from Brillion, Wis. bidder Mary Stannelle. Boulder Wern A Precious is an Atlantic daughter out of an Excellent Top Hornet Werns Top Hornet Penelope, a Gold Star Dam. The heifer is due next month to Boulder View Top Demand.

Maurice DeGroot of Rosendale, Wis. paid $5,500 for Fauver Hill DeMargery. The 4-year-old Deacon daughter was consigned by Bernard Pralle of Onalaska, Wis. She has records to 16,819 pounds of milk and 734 pounds of fat and is out of Fauver Hill Fal Margene.

Red Hill Hilda topped the second annual Boulder View sale in Baraboo, Wis., with a $8,000 bid. Consigned by Vergil Lorenz, Jr., the 4-year-old King Henry daughter was purchased by William Vilter of Hartland, Wis.

Stray voltage seminar speaks to service reps

LANCASTER — Extension engineers and dairy specialists as well as electricians will be on hand Thursday, June 17 at Lancaster County's Farm and Home Center to present an all-day stray voltage seminar to dairy service representatives

The seminar, which runs from 9 a.m.-4 p.m., is geared toward helping servicemen solve stray voltage problems. Participants will receive advice on standardizing measuring techniques and results. In addition, the seminar will attempt to create a cooperative spirit between the farmer and electrician, equipment installers and utility company.

A variety of stray voltage problems will be simulated with a new table top demonstration. There will be ample time for questions.

Speakers for the day include: Penn State agriculture engineers Joseph McCurdy, Paul Anderson and James Fairchild; Stephen Spencer, Penn State Dairy specialist; Karl Miller, Surge representative.

Cost of the program is $7 per person with registration beginning at 8:30 a.m. followed by the seminar at 9 a.m.

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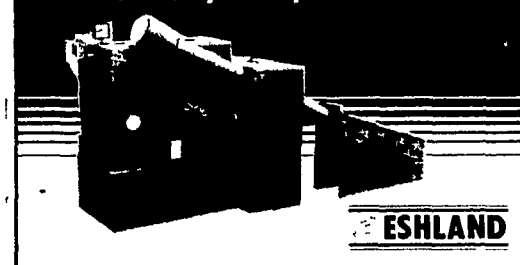

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Competition for fed cattle healthy

WASHINGTON, D.C. — A new U.S. Department of Agriculture study indicates that competitive forces are presently working well in the High Plains and the Iowa-Nebraska regional markets for fed steers and heifers, despite fewer meat packers competing for the available supply.

B.H. Jones, who heads USDA's Packers and Stockyards Administration, said the agency began the study in 1979 because of widespread concern that a few large buyers might be able to control the prices or terms of trade for fed cattle in local markets.

"Our finding indicate the markets in these two regions where behaving competitively," Jones said. "Average prices during the period were not influenced by local supply and demand conditions but rather by overall market factors.

"There was a close relationship in prices, showing no market isolation between the major markets or in the submarkets that were studied. The study shows that buyers and sellers shipped fed cattle between the two regional markets throughout the year, indicating there were numerous occasions when it was profitable to do so."

The High Plains area studied includes Kansas, the Panhandles of Oklahoma and Texas, the fringe areas of eastern New Mexico and eastern Colorado. The Iowa-Nebraska area includes eastern Nebraska, western Iowa, South Dakota and southwestern Minnesota. These two areas account for about 59 percent of all U.S. fed cattle marketings.

Jones said since the study was completed several beef slaughter plants have closed in the two areas and two new plants with over 1 million head annual slaughter capacity have opened

"USDA will continue to monitor both the market structure and the level of competition in the two markets," Jones said

The study also investigated the pricing practices of an integrated packer-custom feedlot operator The evidence showed that the firm did not discriminate against feedlot customers in the sales of their cattle, and that the cattle were not used to the disadvantage of other packers or feeders, Jones said

Copies of the report are available from the Packers and Stockyards Administration, USDA, Washington, D C 20250 Phone 202/382-9528

USDA sets up Caribbean Basin ag advisory committee

WASHINGTON, D.C. — Secretary of Agriculture John R. Block last Tuesday established an agribusiness advisory committee to assist the U.S. Department of Agriculture carry out agricultural development aspects of President Reagan's Caribbean Basin Initiative.

Ray A. Goldberg, the Moffett Professor of Agriculture and Business at Harvard University's Graduate School of Business, will head the committee. Other members will be appointed soon, Block said.

The committee will advise USDA on policies and programs involving the private agribusiness sector in fostering agricultural development and economic growth within Caribbean island and Central American countries. The committee will work on a cooperative basis with counterpart committees in the Caribbean Basin.

It also will help establish an International Agribusiness Center within USDA's Office of International Cooperation and Development to provide expanded services to interested U.S. agribusiness firms. These services would include identifying investment opportunities, organizing a series of agricultural investment missions to the Caribbean Basin area and conducting follow-up support activities.

USDA will seek the advice of the committee on how government can be more helpful to the agribusiness sector in making private investment, accelerate the investment process and make the investment climate more favorable, Block said.

Investment by U.S. agribusiness companies could represent one of the most promising means of increasing the productive capacities of the Caribbean Basin economics, foreign exchange earnings and employment, Block said. The United States would benefit through expanded markets for agricultural products, equipment and services, he said.

Agricultural technical assistance is currently being provided to a number of Caribbean Basin nations.

Goldberg is the head of the agribusiness program at the Harvard Business School where he is engaged in teaching and research activities He has served as a consultant to agribusiness firms and organizations on the national and international level. He was a consultant to the under secretary of agriculture from 1965 to 1969.

Goldberg is the author of several books and articles dealing with food, trade and investment policies, agribusiness management in developing countries and the United States, markets and marketing worldwide

He was a member of a team of consultants which analyzed agribusiness investment opportunities in Nigeria and Jamaica on behalf of the Office of International Cooperation and Development

Limousin Breeders elect officers

COLUMBUS, Oh. — The Eastern Limousin Breeders Association held their annual membership meeting recently here at the Imperial House Motel

Three directors were elected to serve on the board of directors for three years The directors are Bob Line, Carlisle, Pa , Gordon Briggs, Gambier, Oh , and Randy Day, Bethpage, Tn

The following fairs were approved for the coming year Eastern National, Ohio State Fair, Highland Co Fair, Virginia State Fair, and Maryland State Fair The tentative date of Nov 6 was set for the fall sale. It is to be held at the Frederick, Md. Fairground

A field day is being planned for early summer in Ohio. This will include a Junior show of steers and heifers. There will also be a contest to select a queen.

The association honored John Moore, Newville, Pa with a life membership. He is the founder and first president of Eastern Limousin Breeders Association It has been through his time and efforts that the association and the breed has continued to grow and remain strong He also is a founder member of the North American Limousin Foundation and served on the board of directors He was its second president and held several committee positions

In the board meeting that followed the membership meeting, Jim Fawley, Lynchburg, Oh was elected president Bob Line was elected vice president and Randy Day was elected secretary-treasurer Appointments were as follows Gordon Briggs, spring show and sale, Bob Line, fall sale, Keith Kissie, Charlottesville, Va , Virginia State Fair, Bob Bell, Cooksville, Md , Eastern National and Maryland State Fair, and Richard McDonald, Shippensburg, PA, promotion Other members of the board are Ron Slagle, Bruston Mills, WV, Charles McDonald, Inwood, WV, and Larry Sterling, Reedsville, WV

Anyone interested in information on the Association or its activities should contact any member of the board or write to Eastern Limousin Breeders Association, 3540 Anderson Road, Lynchburg, OH 45142

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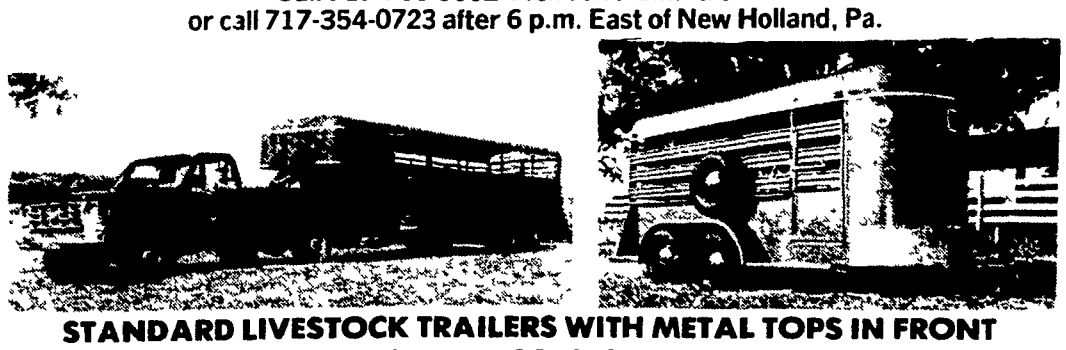

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Azoturia is a disease of muscle metabolism brought on by exercise after relatively long periods of rest. The dark-colored urine contains myoglobin muscle pigment.

The myoglobin is released into the blood stream when the muscle tissue breaks down. This is due to a lactic acid buildup in the abscence of adequate oxygen supply. The myoglobin causes kidney damage when it passes into the urine.

It's likely your horse did not recover due to permanent kidney damage. Several steps should be taken to prevent the problem from recurring.

- The horse should be fed less grain on the days it is not used.
- The horse needs some exercise every day, even if it is just an hour each morning in a barn yard or small pasture.
- Make sure the horse is fed adequate levels of vitamins and minerals in the diet. Vitamin E and selenium should be supplemented at slightly higher amounts than recommended.

If this disease occurs in another horse, have immediate veterinary attention. Prompt treatment with diuretics, fluids, calcium preparations, as well as anti-inflammatory medications and vitamin E-selenium injections may produce a more favorable outcome.

One final important point about treating an affected horse — keep it warm and do not force it to move.

Engle gives sheep shearing pointers

UNIVERSITY PARK — Spring is the time for shearing sheep, Clair Engle, Extension animal specialist at Penn State, says. "Early spring shearing makes ewes more comfortable as the days grow warmer."

Early shorn ewes take less barn space, produce a lighter shrinking, higher quality fleeces, milk better, are more sanitary for new-born lambs and the lambs will grow more rapidly. Engle recommends shelter for at least two weeks after shearing. Give the sheep the choice of being inside or out.

It takes 12 months to produce a fleece of wool and Engle urges care in shearing to insure top value for the wool. He emphasizes the following points:

— Sheep must be dry at the time of shearing;

— Keep straw, hay, and chaff out of the fleece by using feeders that limit contact;

— Shear on a clean floor and keep it clean;

— Remove dung locks;

— Burrs, seeds, and any foreign matter reduce fleece value;

— Avoid second cuts in the shearing process; the second cuts shorten the wool fibre and reduce its value;

— Roll fleece with clean or skin side out;

— Tie fleece with paper twine — use no other;

— Do not tie name tags, identification, fleeces or bags with binder or sisal twine;

— Store wool in a clean, well ventilated shelter until it goes to market.

If you hire someone to do your shearing, plan your schedule so that you can be there to assist with some other management tasks. Proper preparation of the fleece is important. It also is a good time for tending to such chores as trimming feet, treating internal/external parasites, and checking for spoiled udders and broken mouths

Lancaster Holstein club revitalizes Conestoga Classic

LANCASTER — The Lancaster County Holstein Club recently announced plans to revitalize a county-wide Holstein sale, which was discontinued in the 1950's, said president Lamar Witmer.

The "Conestoga Classic," scheduled for August 11 at the Lampeter Fair Grounds at 7 p.m., will provide a service to Club members as well as offer 50 well-bred Holstein cattle to interested buyers, Witmer explained.

June 15 is the deadline to consign an animal, but selections are being made now by a committee representing each part of the county. Anyone wishing to consign an animal should contact one of the following: northwest Lancaster County, Robert Kauffman, 367-3550 or Lamar Witmer, 665-3778; northern, Galen Crouse, 215/267-6726; eastern, John Howard, 464-5004; southeastern, Elvin Hess, 687-6697; southern, Paul Welk, 548-2597; and southwestern, Jay Landis, 872-8818.

The committee is looking primarily for young cows, ideally two, three or four year olds. The only exception would be an exceptionally high scoring older cow. These young cows should have the potential to be classified Very Good, be sired by popular sires and have a Good Plus or better dam with above average production.

A few bred heifers, yearlings and calves will be considered. These animals must have a high Very Good or Excellent dam with high production and a high cow index. Chairman John Howard explained that, in each category, popular A.I. sires are a must.

Commission for the sale management will be 10 percent for the first $5,000 and 5 percent for any portion over $5,000. There will be a $10 catalogue fee to be refunded for all animals sold.

The sale will be conducted by R. Austin Backus, with the Pennsylvania Holstein Association clerking and handling paperwork and checks.

Economically, the best solution for erosion problems, in terms of the value of topsoil and other costs, is to control them at their source by using proven conservation measures.

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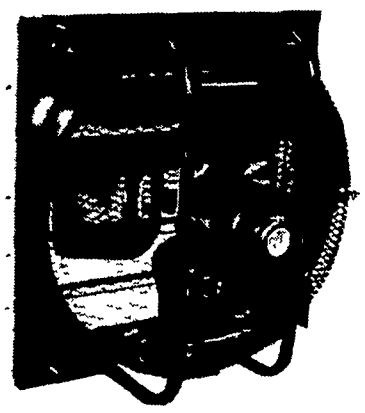

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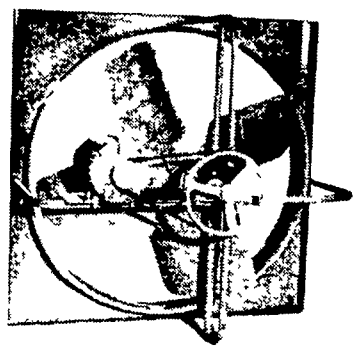

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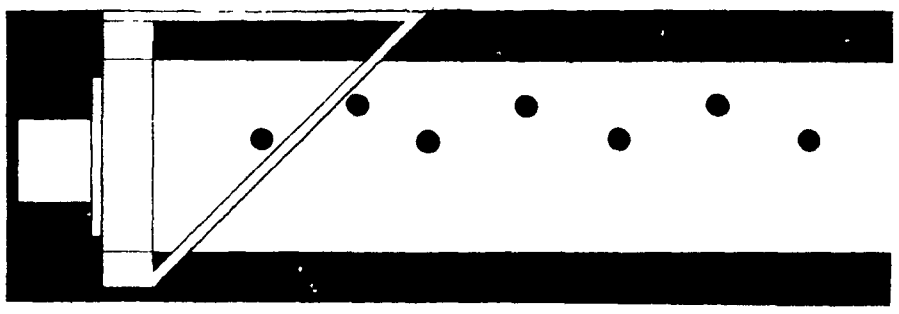

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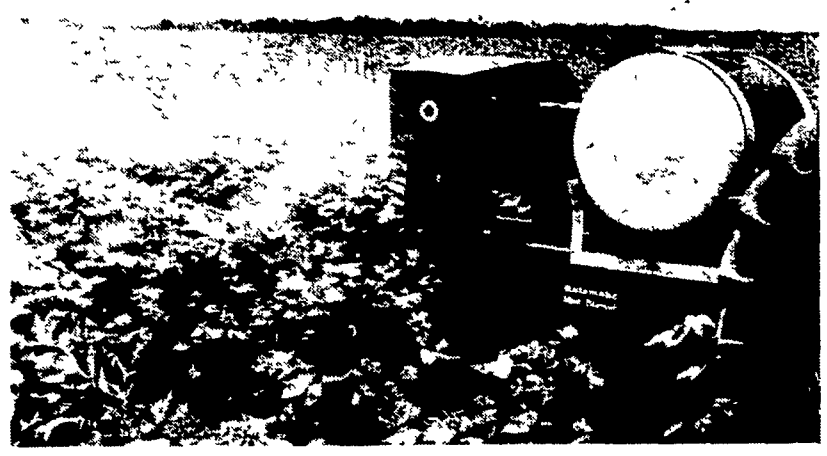

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Cut soil losses

Soil loss costs $18 billion annually

HARRISBURG - Soil losses in the United States amount to a staggering $18 billion each year reports State Conservationist Graham T. Munkittrick of the USDA Soil Conservation Service.

"Water from rainfall and snowmelt alone causes an estimated loss of 3 billion tons of sold each year," he says. "Pennsylvania suffers 70 million tons of soil erosion annually.

"This high level of soil erosion causes lost food and fiber production. Streams, lakes and reservoirs fill up faster with sediment, or just plain mud," he adds.

One government study shows soil loss causes an additional loss of over $1 billion each year in plant foods such as nitrogen.

Soil erosion happens in three major steps. First, Munkittrick explains, topsoil is loosened by the impact of raindrops or action of water runoff; second soil particles are moved along with water; and third, they are deposited at new locations which may not be the most desirable.

Erosion goes on all the time. Normal erosion (called geologic erosion) occurs where water and wind remove soil or rock from slopes that have not been disturbed by man. Ths is natural and unavoidable

"But man accelerates erosion when he breaks up the soil surface and removes protective soil-holding vegetation," Munkittrick emphasizes.

Accelerated soil loss can occur from growing crops, irrigation, mining, raising livestock, logging, urban and rural construction, and recreation, unless preventive measures are used.

Over the years, SCS has determined the average loss each different soil can tolerate without reducing its productive capacity. Some areas can lose only one ton of soil per acre per year, while others can lose as much as five tons without damage.

Technology for controlling soil erosion is relatively simple, Munkittrick explains, but in a democratic country, application of conservation measures is primarily voluntary and, therefore, the application is at a much slower rate than needed.

But these efforts must not be minimized. Without existing conservation practices, cropland soil losses would be another one billion tons each year.

"The years of leaving land because it is worn out are gone because there is no place else to go, Munkittrick says. "We must work carefully with the land we have and preserve it for future generations."

By the 1960s, the U.S. government had spent approximately $15 billion for conservation efforts This sum, spent over a 40-year period, represents less than one percent of the gross national product during 1975 alone

Competing land and water uses and shared boundaries between public and private landowners can complicate conservation efforts

"One key to making a combination of voluntary and regulatory measures work is for each landowner and user to participate and assist in identifying erosion problems and help in designing long-range conservation strategy for their land," Munkittrick concludes

In 1978, Pennsylvania soil conservation districts and the SCS took a big step to involve local people They asked local people to express their opinions on natural resource problems

"More than 89 percent said erosion is still a problem Identifying the problem is the first step in solving it," the SCS chief explains.

Few candidates attend farmland preserve talks

LANCASTER — Less than a third of the invited candidates showed up at a public forum meeting of the Lancaster County Agricultural Preserve Board on Friday, May 7, in the Lancaster County Courthouse.

Of the 17 candidates for Lancaster County seats in the Generaly Assembly and State Senate, five were present at the session.

Actually, there were more members of the Preserve Board present than their were candidates.

Noone from the public attended the session, which was designed to give legislative candidates an explanation of the county's proposed deed restriction program and give then an opportunity to ask any questions about it or the state legislation that is needed to implement it.

Principal reason for the light turnout of candidates appeared to be the 3:30 p.m scheduling of the meeting.

Attending candidates were Anna E. Groff, R-Lancaster, candidate for the 96th District; Harry S McMichael II, D-Columbia, 98th District; Harry F. Muscarelli, D-East Petersburg, 97th District; Norman O. Aamodt, D-Cochranville; and Noah W. Wenger, R-Stevens, candidates for the 36th Senatorial Seat.

An exchange of views developed between Aamodt and Wenger over how approval of the preservation legislation might be best secured

Aamodt expressed the belief that a Democrat would gain broader support for farmland preservation in the cities.

Wenger explained he has always had bipartisan support for his legislation, such as the Right To Farm bill, which passed the Senate last week.

"If we put partisanship in agricultural legislation, then we're in trouble," Wenger said

"Farmers are in a minority and if we split them into two parts, then we'll have nothing."

Republican County Commissioner James E. Huber and Democratic Commissioner Jean Mowery then exchanged supportive statements for their respective party standard bearers

Crop insurance hearings begin

WASHINGTON, D.C. — Senator Jesse Helms, chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, has announced that oversight hearings on the federal crop insurance program will be held May 20 and 21.

Senator Thad Cochran, chairman of the Subcommittee on Agricultural Production, Marketing and Stabilization of Prices, will chair the hearings, which are scheduled for 10 a m in Room 324 Russell Senate Office Building.

Cochran said the hearings will focus on the Federal Crop Insurance Corporation's marketing program, general producer attitude toward the program, and adequacy and cost of FCIC coverage.

Cochran has invited representatives of farm organizations, the Administration, and the crop insurance industry

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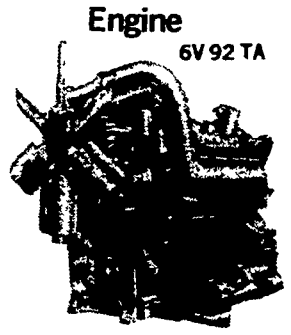
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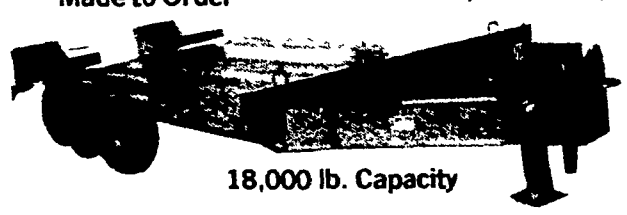
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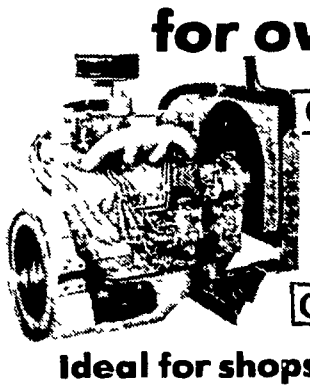

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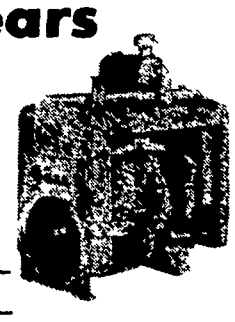

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Pa. broiler placements up

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending May 1 were 2,492,000, according to the Pennsylvania Crop Reporting Service.

The placements were one percent above the corresponding week a year ago and nine percent above the previous week. Average placements during the past nine weeks were fractionally below a year ago.

Placements in the 19 key poultry producing states were 85,338,000, two percent above the previous week and fractionally above the same week a year earlier. Average placements in the key states during the past nine weeks were one percent below a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending April 21 totaled 1,917,000, with an average liveweight of 4.14 pounds.

MAILBOX MARKET

For Sale Fox self propelled harvester, Leb Co 717 867 2255 or 867 1280

For Sale AC 3 pt hitch, 4 btm trip plow w/depth whl fair condition, w/shears Berks Co 215 779 7127 after 5 30 p m

For Sale AC B w/1 row cultivator manual start, $400 717 865 6860 Leb Co

For Sale AC D17 hyd pump, $50, belt pulley for AC WD tractor $40, AC hyd cylinder Bucks Co 215 536 9672

Wanted Bale elevator 24 30' long, state price & condition David F Smucker, RD1 Box 294, Christiana, Pa 17509 Bartville Rd

For Sale McCormick 2 row corn planter on steel good cond, can deliver Schuylkill Co 717 345 8179 Evenings

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Notice 8 acre meadow for rent South of Manheim, Lanc Co 717 665 3413

For Sale Black Angus Chianina serv ag bull, polled, ready to go Can see his calves at farm, Bradford Co 717 358 3129

For Sale - New Holland tank spreader, less than 1 year old, super good, $2500 Union Co 717 524 2410

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For Sale Reg Hampshire rams, wethers, and ewe lambs, 717 859 1094 Lanc Co

For Sale - Approx 1000' dried walnut boards, Gideon King, #1 Gap, 1 mi NW of White Horse, Pa 17527

For Sale 4000 pcs old black stone slata, Henry M Hoover, Denver RD1, near Fivepointville on Woodlyn Dr, Rd

For Sale Purebred Hampshire Ram, 2 yrs, twins Purebred Suffolk Ram, both calm nature 1978 Toyota pickup 717 774-4534 or 717 259 0681

For Sale JD 4 row 1240 plateless corn planter disk openers liquid fert insect boxes, $1800 Lanc Co 717-626 7192

For Sale 1500 gal Snyder polyglass fertilizer tank, $850 JD A Tractor $750 JD 32' elevator $650 Cumberland Co 717 258 6093

For Sale - 1 HP Baldor electric motor, good cond, 717 244-4730 after 9 a m

For Sale Servel gas refrigerator, hot dog machine, ice machine, time clock, cub wheel weights, electric meat slicer, 717-442 4279

For Sale 25 ton ear corn clean & dry 2 ton of quality hay 1 Charolais heifer, Sch Co 717 345 4489

For Sale 1960 GMC 4000 w/15' bed, no rust, $1200, Mt Stone From Barn Foundation Leb Co 717-865 3745 or 865 3735

For Sale NH 717 harvester, 9 knives, 2 row corn head, pick up head, $1500 Cumberland Co 717 532 3989 or Amos R Martin, RD#1, Shippensburg, Pa 17257

For Sale 1973 Honda cycle CB 100cc good cond, Cumberland Co 717 776 5870

For Sale 1960 Ford flatbed dump truck, 21' camper $2400, horse $600, accordian, cast iron water trough Leb Co 717-949-3259

For Sale IH 1150 grinder mixer w/folding discharge auger, four screens, used four months, like new, $4100 Cumb Co 717 776-5672

For Sale - Farmall H w/ldr $800, AC WD w/ldr $1000, Oliver 3 pt corn planter, $50 717-263-0627 Franklin Co

Wanted Used, single or dbl horse trailer, need not be road worthy Daniel Beiler, 78 S Maple Ave, Leola, Lanc Co, Pa

For Sale 10' Dunham Lehr cultimulcher alum pickup topper 8' bed, good condition, Surge clamp on stall cocks Lanc Co 717 354 9913

For Sale Deutz 6006 engine, needs work $3000 Ammon M Nolt D#2, Box 3, East Earl, a 17519

or Sale 2 or 3 hp Self ropelled reel type lawn ower like new, baby warf rabbits Dauphin o 717 367 4797

Wanted 40 70 hp utility tractor, 3 p h, outlets, p s, in good cond Call Harold Walls after 6 p m 215 255 4374 Chester Co

For Sale 1 Steel land roller $25, New Windrow units $45 ea, Box 57K, RD2 West Grove, Pa 19390 215 869 2078

For Sale 2 reg Hampshire ewes with papers 1 Dorset/Hampshire cross lambs, $225 for all 215 375 0714

For Sale JD H good condition $800 717 426 1405 Lanc Co

For Sale 78 Dodge Challenger, 30,000 mi all factory options 717 626 4617 Lanc Co

For Sale AC WD tractor $695, Holland 3 pt transplanter $195, JD 3 pt scoop $120, 15"x22' I beam 717 755 6946

For Sale NH 276 baler with wagon shoot exc cond, Make an offer 717 896 8728

For Sale Meyer hay crusher for parts $25 Also calf hutch $75 Jacob M Zook, RD1 Paradise, Pa 17562

For Sale Athens 5 tooth chisel plow, built strong to add extensions, 2 hp Briggs & Stratton engine, 717-859 2374 Lanc Co

For Sale 2 spotting mirrors, curved 36' diameter, $35 each Lanc Co 215 267 2036

For Sale Farmall A tractor w/blade & bushhog in ex cond After 6 p m 717 225 6113 or 225 1039 York Co

For Sale - 8 Hereford Charolais cows with calves, $550 each Sch Co 717-467 2039

For Sale Pony mare, 13 1 h, jet black, absolutely gentle & dependable, $350 Chester Co 215 932-4728

For Sale JD 95 gas combine 13' grain hd 435 4 row head, good cond $6700 York Co 717-292 4416

For Sale JD 530 on steel in fair cond $1850 Eli Martin, 215 484 2517

For Sale Large amount of horse manure Forest Ridge Stables, S Vintage Rd, Paradise, Pa 17562, or 717 442 4259

For Sale 3 pt disk harrow, 6' like new, $350 Wanted 15' wagon tires, 10" wide Lanc Co 717 665 7155

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For Sale Delavel #76 vacuum pump, recording thermometer, Brunner belt drive 3 hp compressor, all A 1 cond 302 678 1085 Kent Co

For Sale Noland freeze guards and Edstrom hog water nipples, for prices & discounts contact David Reinecker, Adams Co 717 528 8428

For Sale Pella soybeans seed certified last year, $8 95/bu Certified soybean seeds, other farm seeds, insecticide 717 786 3435 Lanc Co

For Sale Tall 5 yr standard bred mare, needs long trips, mans horse H L Stoltzfus, 225 A Gordonville, Pa 17529

For Sale Farmall H w/loader, JD PTO Combine $250, Plows, Harrows, Discs, Grain Drills, 717 345 4882

For Sale New 3 pt plastic mulch layer $425 Also Mennonite carriage, good cond, hydraulic brakes, $750 Lanc Co 717 733 1048

For Sale Soybeans, Williams Variety, cleaned and germination tested over 90% Pre certified good yielder, Leb Co Order Now Call 717 866 2406

For Sale John Bean 500 gal w/bonded tank 35 pump & Myers air blast head, good cond Corn planter, 215-767 2234

For Sale AKC Collie puppy, $50, also JD No 148 Loader 717 354-0176

For Sale Thermopane glass (3) ¼" double plateglass 4'4' x3'10" $75 ea (1) 9 4"x3'11" $185, in good frames, 215 384 5067 Chester Co

Notice JD A w/steel wheels all around Will trade wheels for rubber or will trade entire tractor, 301 374 2273 ask for Herb

For Sale - Slaughter house equipment, chicken picker, scolder, dunker, table all Pickwick Equip Electric knife, track, tools York Co 717-938 2197

Wanted A good used chicken picker, automatic or drum type Bucks Co 215 795 2195 after 6 p m

For Sale - Canning jars, quarts & pints, $1 25 doz Antique corner cupboard $75 Antique jelly cup board $50 215 933 6401 Mont Co

For Sale One row ground driven potato digger, $175 Wisconsin Engine, Paul M Hoover, East Earl RD#1 Box 363B

For Sale or Trade On dairy cows 970 Case dsl, 806 IH, 3 pt, 525 Oliver combine, 2 hds 717 568 3451

For Sale IH 1066 D turbo, new torque & clutch, exc cond 400 gas Farmall, good cond 717 437-2773 Montour Co

Wanted Live poultry, ducks, pigeons, big bandis, red laying hens, 5 lbs or more 215 445-6345 or 215 445 6957 ask for Carl

For Sale Brush Hog 5' 2 yrs old, maybe 25 hrs, $375 Del Co, Pa 215 527-6634 Get it now!

For Sale Reg Morgan bay gelding, versatile, willing, balanced mover, rides & drives, Show trot Harford Co 301 692-6720

For Sale JD 50 w/#45 ldr, manure and cultivators, nice cond Hunt Co 814-667 3540

For Sale Lge table, pads, 2 leaves, lge china, lge buffet, 6 chairs, valued at $3000, to buyer for $1500 717 292-4584

For Sale A30 Mack w/8'x10' dump body, JD 830 self propelled haybine, 12' cut, Box 92, Summit Hill, Pa 18250

For Sale Reg Suffolk twin yearling ram, proven & has produced twins, twin ewe Berks Co 215 926 2118 after 6 p m

For Sale - Power unit w/253 GM engine & 25 KW & 20 KVA generator, 3 face, $2500 Lanc Co 215 445 4336

For Sale Hay/grain elevator, 1 yr old, NI 40' 220 motor, exc cond 717 867-5315

For Sale 2 T Ford motors, and other Ford parts, also a tractor mtd woodsaw, 717 987 3516 Fulton Co

For Sale TD9 parts, Wayne Co 717 973 4558

For Sale - Brady chopper, MF#4 corn picker, corn planter, AC combine, heavy duty trailer, reasonable, Lycoming Co 717 634-3222

For Sale Self-propelled high clearance sweet corn sprayer w/Wis motor, motor needs work $100, JD 14" plow Newark, Del 302 239 5351

For Sale Combine, North'd Co 717 797 3751

For Sale Lge grade Hol heifer, AI sired Curtis 9497 Due May 21, AI bred Oley, Berks Co 215 779 5605

For Sale - 7 feeder calves, ranging from 300 700 lbs also 1 Hampshire breeding ram Call anytime, Berks Co 215 682 7632

Notice Spinning Fleece Sale Craft Show, York Sheep & Wool Field Day & Sale, May 22, York Fairgrounds 717 428 1162

For Sale Ten black wooled 2 year old Suffolk ewes, $75 each, Black Suffolk ram, $125, 215 385 6537

For Sale 660 Case grain combine w/corn head Very good cond, $5000 Wayne Co 315 524 8222

For Sale - Yearling registered Polled Hereford bulls and heifers, Columbia Co 717 925 6827

For Sale - Black Columbian kitchen range, good cond, Samuel M Stoltzfus, #1 Kirkwood, Pa Box 350 Lanc Co

For Sale 2 BR 12x60 mobile home in very good cond, includes range, refrigerator, electric water heater Perry Co 717 834-3674

For Sale Perkins 6 cyl diesel rebuilt in Ford 4WD pickup w/on without Turbo Can hear run, 215-932-3684

For Sale Good, no rain, conditioned, mixed hay, also app 1200 bu ear corn, no mold, York Co 717-432 3382

For Sale 2 row 3 pt corn planter, good cond $195 Bucks Co 215-257 7491

For Sale Chives Appr 300 3 yr old plants $1 00 each Harford Co 301 452-5663

For Sale - Reg Morgan mares, yearlings and up, $800 to $2500 Three year old stallion $1000 Can deliver, 304 726 4330

For Sale 105 corn special combine w/13' grain head, $7900 765 NH grain dryer Good cond, $1500 Bucks Co 215-257-2377

For Sale - Mini Lopp Bunnies, dairy goats of show quality & pet ferrets, Franklin Co 717 532 3736

For Sale Tioga Co Antique, medium weight buckboard type wagon for single or team, very good cond $600 717 662 3856

For Sale One horse open buggy, like new cond 717 438 3339 after 4 30 Perry Co

For Sale 72 Olds, wagon, inspected and running, $300 Berks Co call between 8-10 p m 215 488 6000

For Sale Dump truck 55 Int S/A steel dump, 30,000 GVW 5+2 speed $1200 Berks Co 215 582-4001 or 215 582 4380

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For Sale White 5400 4 row no-til planter w/monitor, 717 834-3597

For Sale Approx 25,000 tobacco plants, Pennbe in early June Also nice wheat straw, Lanc Co 215-445 4092

For Sale - Reg Suffolk workhorse, yearling colt Montgomery 215 679 7463 ater 8 30 p m

For Sale - 56 oak calf stalks, like new, used 2 times 1 50 gal mixer Berks Co 215 856-7670

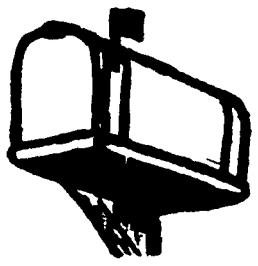
For Sale JD 494A corn planter, dry fertilizer and insecticide hoppers, good cond, $650 Lehigh Co 215-767 6048

For Sale - Unico model 500 brush type egg washer $125, Dan Yoder Jr, RD1 Thompsonton, Pa 17094 Juniata Co

For Sale AKC Doberman Pinscher pups, $50 Fulton Co 717 987 3824

For Sale Jacobsen golf course tractors, 74 models, E 10, one dsl & one gas engine, $1,750/ea 201-249 3090 days, 201 873 3769 eves

For Sale - Rockwell International 15" floor model drill press w/motor, ½" chuck cap, exc cond, priced right Sch Co 717 366 2619



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For Sale - Int 47 pick up baler $450 Lanc Co 717 872-4567 or 872-4306

Notice - Ewe Auction 100 head, all ages, production records, June 5, 1 p m Management Workshop 10 a m - Frederick, MD 301 834-9711

Wanted - 16 foot single chain aluminum elevator 717-665 2652 Lanc Co

Notice - Will board heifers 10A quality Meadow, spring fed stream, barn shelter, salt and mineral box Lanc Co 215-267-7870 evenings

For Sale Farmall AV tractor w/cultivator, $1300 Ferguson 2135 tractor $2500 Bucks Co 215-598-7357

For Sale - 1974 Appaloosa Gelding, excellent bloodlines, good youth horse Well mannered, 4-H winner, ready to win Berks Co 215 775 3074

For Sale 1978 Ford F-250 3/4 ton pickup 351-V8, like new, $4500 1979 Honda bike XL185 $400 Lanc 215-445 5851

For Sale IH 4 row corn planter runner type, good cond , 30" rows $600 Berks Co 215 286-5422

For Sale - 2 section spring harrow, 17 tooth w/good soles, set needle assembly for #66 NH Baler, York Co 717-292-2364

For Sale - Reg Suffolk Ram, 3 yr Twin Reg Arabian Mare, 4 yrs , Westmoreland Co 412-459-8770 before 5 p m

For Sale - Black mule, 12 yrs old, good worker, $650 Henry R Miller, 2714 Creekhill Rd , Leola, Pa 17540

For Sale Reg Appaloosa gelding 5 yrs , 14 2 hands great for children used for beginners lessons Perry Co 717-582 8343 evenings

For Sale NH 77 baler w/VF4 Wisc engine $275 Berks Co 215 286 9682

For Sale 22 seasoned white oak planks, 8' long 14" wide, 2¼ thick $10 per plank 717-838 5249 Leb Co

For Sale Dairy Goats, good lines, Alpines and Nubians, purebred and recorded grades, Berks Co 215-689 9895.

MAILBOX MARKET

For Sale - 10x40 concrete stave silo - must be torn down Make offer 717-469-2891 Dauphin Co

For Sale Rain shelter, liquid protein lick tank, 2 wheels, good cond , $85 Omar S Kauffman, R#2 Honey Brook, 19344

For Sale - Farmall MTA, PS. Agstar 16 crate self-contained sow castle w/8 nursery pens After 6 p m Lanc Co 717-653 5775

For Sale Int 6 row cycle corn planter liquid fert , monitor, very good $2500 or best offer Indiana Co 412-783-6333

For Sale - 25 big, bred grade Hol heifers, freshening Aug Oct Jonestown, Leb Co 717 865-4549

For Sale Used horse collars, good cond , all sizes 18 25" Christ E Fisher, RD1, Box 162 Paradise, Pa 17562

For Sale Farm, 97A Large bank barn, 22,000 cap modern chicken house, 3 streams 5 outbuildings and silo 717 993 6498 York Co

For Sale Five bee hives with bees, extra supers, 717-665 3238, Lanc Co

Wanted Four row corn planter in good cond $800 or offer, 717 235 6068 So York Co

For Sale Reg Liseter Guernsey heifer due May 29 Excellent family cow, hand raised & gentle Delaware Co 215 353 8798

Wanted JD corn sheller w/PTO on wheels, good working cond Also earth filter for a pool Berks 215-944-7333

For Sale AC WD45 Diesel, wide front end, good cond , $2000 or best offer Chester Co 215 255-4070

For Sale Nice clean wheat straw, bright color, at least 5 tons U-haul, York, 717 755-2149

For Sale - Labrador and springer puppies, good family and hunting dogs Father and mother, good hunting dogs, $15 215 681-5265 Monroe

For Sale 1 Foley hand saw retoother, foley automatic power setter, John E Glick, Box 113, Madisonburg, Pa 16852

For Sale 6 V-53 Detroit diesel engine, completely majored Will talk Cummins V 903 engine Good running cond , $1250 Clearfield Co 814-583-5332

For Sale Reg Hol bull Milestone son from Elevation dam Samuel E Stoltzfus, Rt 7 Box 298 Coatesville, PA 19320

For Sale Open buggy, very good cond w/hydraulic brakes Elias R Beiler, R3 Box 33, New Holland, Pa

For Sale 10 HP Granely tractor w/40" mower, snow blower & roto-cultivator $1750 or best offer, York Co 717-266-3859

For Sale Apache tent camper, sleeps 5, 717 733 2646

For Sale - Rebuilt 250 amp Hobart Welder engine, best offer over $1200 John L Stoltzfus, Box 125B Cochranville, Pa. 19330

For Sale Mixed breed puppied, 7 wks shots, wormed, mother Golden Retriever, $25 Or wigsburg, 717 943 2920

For Sale 1962 GMC truck, 21,000 GVW, 14' dump bed, $2,500 717-665 5471 Lanc

For Sale - Reg Shropshire yearling ewes, 2 yr old rams out of champ ram Keystone Stud Sale 717-949 3653 Leb Co

For Sale Int Super H Tractor with loader, 530 Gal Majonnier Milk Tank w/compressor, York Co 717 456 7372 8 a m

For Sale Ammco drum & roto lathe Model #4000 Cut your own drums 717 943 2655 after 6 p m Schuylkill Co

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For Sale - JD 494 corn planter $250 5' Bush Hog $450 Steel wheels for NH baler, $50 Lanc Co 717-653-5733

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For Sale - Border collie puppies, Purebred polled Charolais bull, 18 mos old, 77 Oliver tractor, Massey Harris, 215 756-6618

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For Sale - McDeering hayloader, exc cond , Noah R Shirk, R#1 Narvon Pa 17555 South of Churchtown, Lanc Co

Wanted New Idea 752 hay crimper, Amos F Lapp, N Maple Ave Leola, RD1, Pa 17540

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For Sale Set cultivators for Farmall cub tractor, good cond , 814 445 7309 Somerset Co

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For Sale Baler, Super 66 NH PTO $400, 2 year saddlebred colt (chestnut) and filly (bay) beauties Lanc Co 717 392 5834

For Sale 8N Ford tractor, new paint and overhaul $1895, 717 626 6165 after 5 p m Lanc Co

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For Sale Wheat straw, $1 00 per bale York Co 717-432 4822

For Sale - Good 8' cut McCormick Deering binder, runs in oil & zerk grease Ready to go York Co 717 938 2372

For Sale 494A 4 row corn planter dry fertilizer, meter, excellent cond $995 Adams Co 717-528 4169

For Sale Cub Cadet 1650 hyd 54 mower & loader 14 horse Ariens 48 mower hyd sleeves, Lanc Co 717-872 2742

For Sale 3 section harrow, fair cond , $25 717 768 8684 Lanc Co

For Sale John Deere Model B, ex cond , 215 933-7915 Chester Co

For Sale Ferguson 2 row cultivators, 3 point hitch, make offer Adams Co 717 528-4223

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For Sale JD hay rake pull type good working cond , $100 Lanc Co 215 267 5670 after 4 p m

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For Sale 1066 IH Diesel 2270 hours in exc cond used every day on farm w/original rubber, Lanc Co 215 267-6547

For Sale Bright clean wheat straw, app 400 bale saw buck, dump rake, Berks Co 215 777 0069 after 4

For Sale Used Badger silo unloader for 16 ft silo w/nearly new motor $600 717 354 9467

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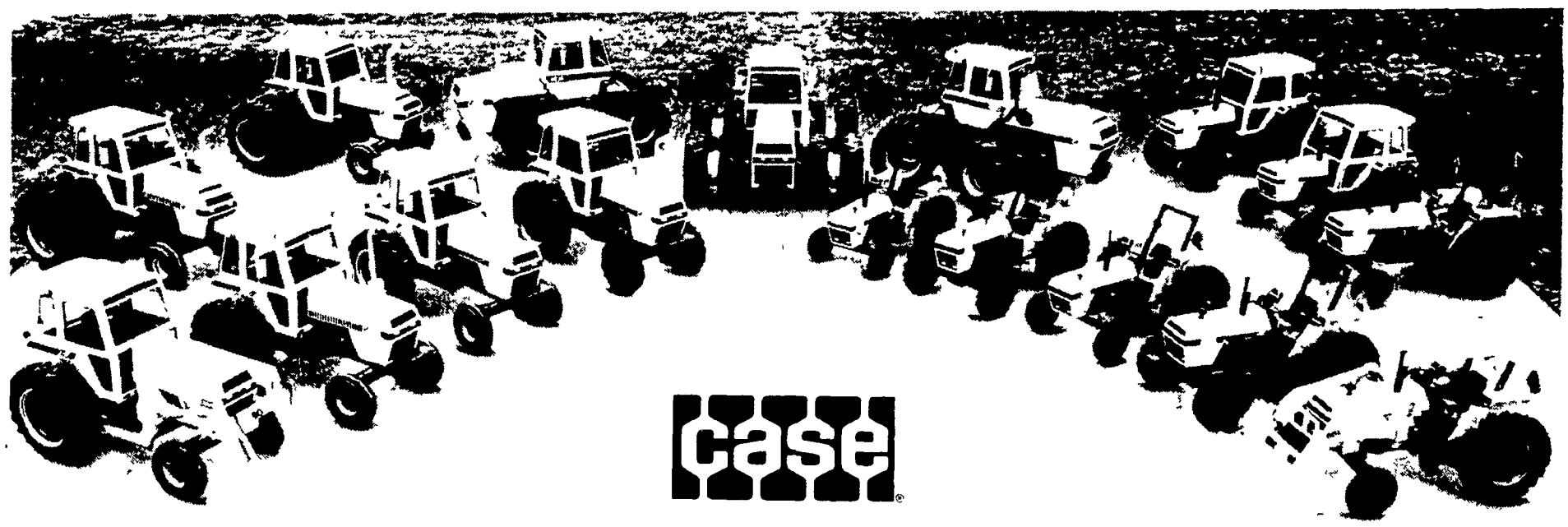

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Space shuttle exhaust has minimal effect on fruit, bees

MERRITT ISLAND, Fla. — Agricultural Research Service scientists have been cast in an important new supporting role in a favorite American drama—space shuttle launches from John F. Kennedy Space Center.

The somewhat unusual role, far from "show business", has taken 3 years of painstaking research.

At the request of the National Aeronautics and Space Administration, ARS scientists, working with scientists at North Carolina State University, investigated the effects of exhaust clouds generated by shuttle launches at Merritt Island, Fla. They evaluated the Shuttle's possible influence on native plants and insects, on a commercially important beekeeping industry, and on large citrus groves in the area. Citrus is a major crop on Merritt Island, worth $7.2 million annually

The area around the shuttle launch site is part of the Merritt Island National Wildlife Refuge. "The island is a mosaic of different coastal ecological communities," says ARS plant physiologist Walter W. Heck, who led the cooperative research which resulted in the first of two reports to NASA

Because preliminary investigations showed that hydrogen chloride gas is the major plant toxin in solid rocket fuel, Heck's team began by showing that aluminum oxide or alumina and hydrogen chloride gas were the most likely components of exhaust from solid rocket fuel to harm biological systems.

Greenhouse exposure chambers were continuous-stirred-tank reactors, which assure that conditions inside are uniform. They were built and tested for use with hydrogen chloride gas. One chamber had a dispensing system for aluminum oxide or alumina particles.

Also, a controlled burn facility was designed and tested by North Carolina State University engineering graduate student Allen H. Sawyer. The facility exposed plants to solid rocket fuel exhaust in tall field chambers The field chambers were modified from the standard open-topped chambers that are often used in air pollution studies. With the modifications, they had a top but no stirrer; other changes assured that conditions were nearly uniform inside.

Twenty-four plant species native to Florida were grown in the greenhouse. They were screened for sensitivity to hydrogen chloride, aluminum oxide, hydrogen chloride, and solid rocket fuel exhaust.

Exposures of selected plants to large doses of aluminum oxide (50 milligrams per cubic meter during a 60-minute period) did not cause injury or affect growth. Plants responded to mixtures of aluminum oxide and hydrogen chloride in the same way they did to hydrogen chloride alone—the threshhold concentration for injury was 3 to 4 parts per million (ppm) for an 80-minute exposure.

Solid rocket fuel exhaust mixtures were monitored by determining the hydrogen chloride concentrations in the field chambers while solid rocket fuel was being burned. Results from exposing plants to the exhaust mixtures corresponded to results from comparable greenhouse exposures to hydrogen chloride.

"Although insects are an important part of all ecosystems," says Heck, "they have been largely overlooked in air pollution studies."

For the NASA investigations of solid rocket fuel exhaust, representative insect species were chosen: a pollinator the honey bee; a predator, the common lacewing which preys on a number of citrus pets; and the ubiquitous corn earworm, which damages many field and garden crops. All are found on Merritt Island.

An effective lethal dose, ED50, is defined as a dose that causes 50 percent of the insects to cease movement. It generally means death but does not prove it.

The ED50 of hydrogen chloride for forager honey bees was 100 ppm for 120 minutes, and 150 ppm for 30 minutes. The ED50 for lacewing larvae was 150 ppm for 60 minutes, and that for the most sensitive life stage of the corn earworm, 102 ppm for 60 minutes.

Brood production of active bee colonies was only temporarily affected by multiple exposures to solid rocket fuel exhaust at hydrogen chloride concentrations of 10 ppm. Multiple exposures of bee colonies to 20 or 30 ppm, however, caused a loss of brood production. When exposures ended, brood production started to increase, but 2 of the 4 colonies ultimately were lost.

The results of these studies suggest that no direct observable acute effects on insects will be found as a result of the space shuttle program. The harmful doses are higher or more prolonged than those the shuttle actually causes. However, exposed honey bee colonies could suffer stress-related diseases, says Heck.

In a second report, researchers headed by plant pathologist Allen S. Heagle determined the response of citrus to simulated "rain" acidified with solid rocket fuel exhaust or with hydrochloric acid.

"There are no reports on the effects of acid rain on plants where the acidity is caused principally by hydrogen chloride," said Heagle. Therefore, researchers sprayed hydrochloric acid solution on mature Valencia orange trees in a commercial grove at Merritt Island and on potted trees at Raleigh. Trees sprayed with pond water were used as controls.

In measuring acid levels, a pH of 7 is neutral. Acid at pH 2 0 caused visible symptoms on flowers, leaves, petioles, stems, and immature fruit; injury was moderate at 1.0 and severe at 0.5.

Calamondin plants are an ornamental citrus that produce small fruit year round and are commonly used in greenhouse research. Potted calamondin plants were exposed to hydrogen chloride solutions at pH 1.1 or 0.7 applied as "rain" during flowering or after fruit set. Deionized water was the control.

Calamondin reacted to hydrogen chloride solutions in much the same way that mature Valencia oranges did. Potted Valencia oranges at Raleigh reacted similarly to the grove oranges in Florida.

In order to treat several plant species, the solid rocket fuel exhaust system was redesigned by North Carolina State University engineering graduate student Randy Perry to force solid rocket fuel emission through a "rain" tower. To acidify the simulated rainfall to various degrees, different amounts of fuel were burned and the emissions collected. The simulated rainfall then passed through the emissions. Marsh elder, radish, and soybeans were more sensitive than calamondin plants.

The results suggest that near launch areas where solid rocket fuel is used, plants will be injured if hydrogen chloride rain occurs having acid levels below pH 2.0.

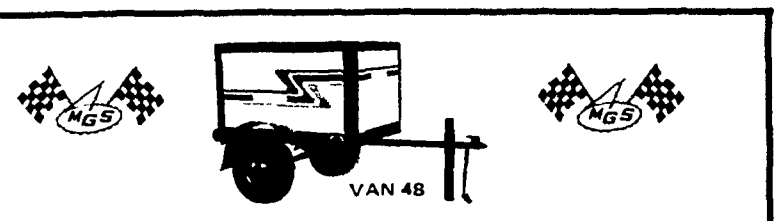
"We expect that direct damage to citrus will be minor, unless the same area is repeatedly affected," Heagle says. In fact, mature Valencia orange trees that were severely injured by hydrogen chloride solutions at pH 0.5 in 1978 yielded as much as in 1980 as did the controls.

The 3-year research study was supported through an Interagency Agreement with NASA, and cooperatively done by ARS and North Carolina State University.

NASA was represented by plant physiologist William M. Knott, in charge of the Environmental Monitoring Program for the Kennedy Space Center. Knott's coded mailing address is MD-RSB-3, John F. Kennedy Space Center, FL 32899

Exhaust clouds blanket the surrounding areas as Space Shuttle Columbia lifts off from the launch pad at Merritt Island, Fla. (Photo courtesy of NASA)

The Mississippi River sends 10 tons of soil per second or about 300 million tons of sediment per year into the Gulf of Mexico. Soil erosion and sedimentation combine to make up the number one land use problem in the 10 Great Plains states.



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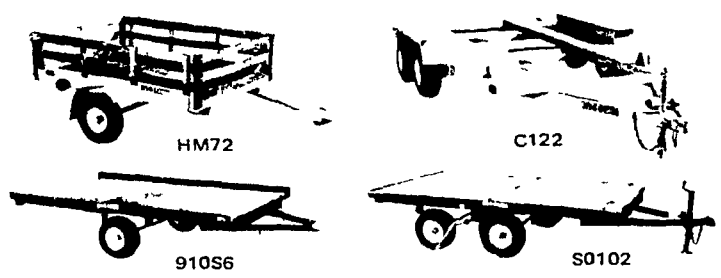

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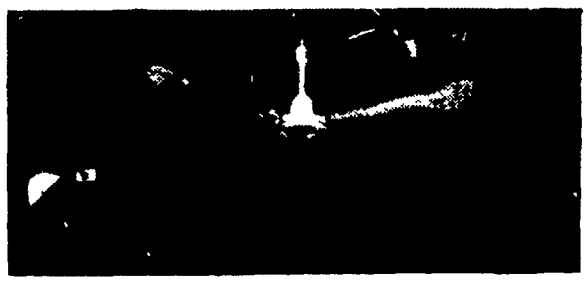

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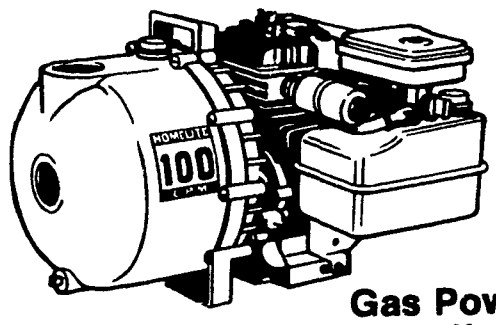

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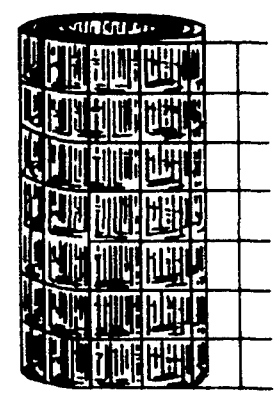

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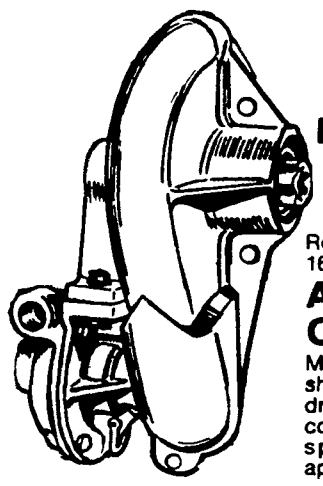

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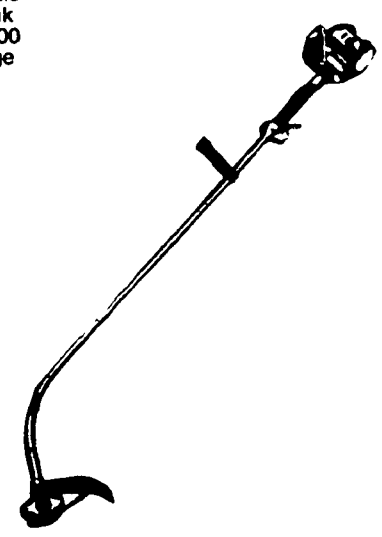

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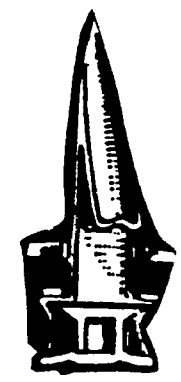

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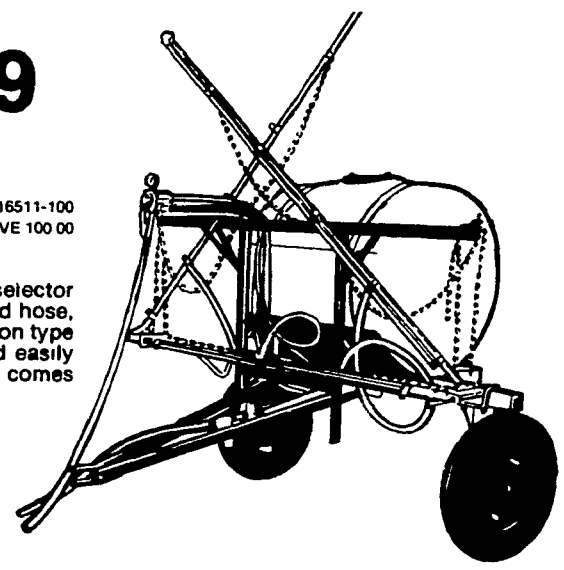

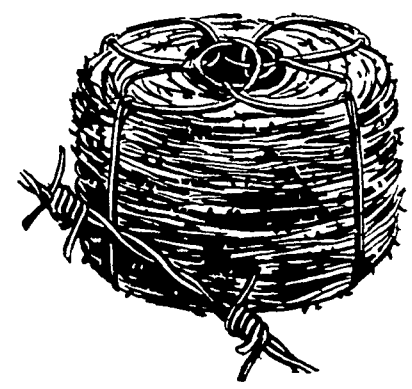

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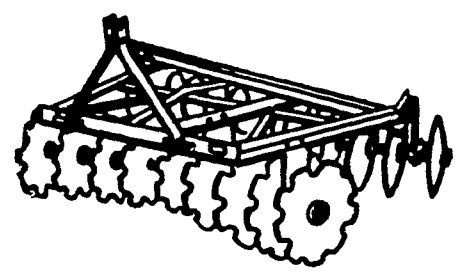

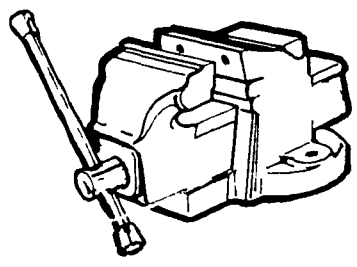

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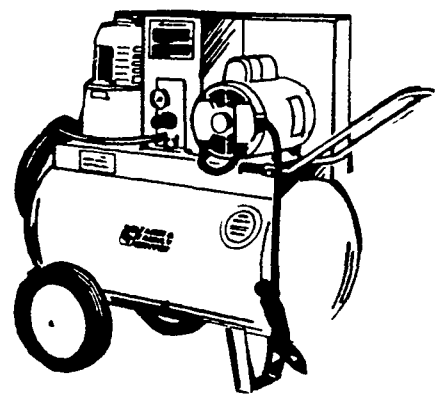

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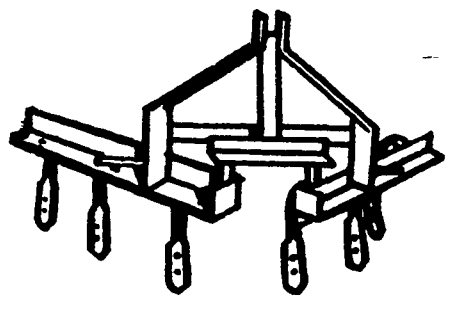

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Sewage plus nuclear waste equals cattle feed?

Raw sewage solids and nuclear wastes may prove to be compatible, according to a report issued by USDA's Agricultural Research Service.

Irradiating the raw solids with nuclear wastes turns a potential pollutant into a useful supplementary livestock feed that may also solve a particular problem for range cattle in arid Southwest.

Irradiation kills any possible disease germs and viruses in the dry sewage, does not alter the makeup of the solids, and causes no radioactivity in the material. While the sewage contains much usable protein, of equal importance is that it also contains trace minerals, particularly copper, manganese, and zinc.

Those three minerals are either lacking or somehow become unavailable to cattle during the Southwest winter, when range grasses are dormant. Adequate amounts of the minerals through supplementary feeds, studies show, increase the number and weight of calves weaned and speed up the rebreeding of cows.

ARS range scientist Carlton H. Herbel and New Mexico State University animal nutritionist G. Stanley Smith have been studying mineral deficiency on ARS's 190,000-acre Jornada Experimental Range near Las Cruces.

The scientist divided a herd of 74 cattle into three groups. They fed one group of 25 a supplement of cottonseed meal, the other group of 25 the sewage solids in pelleted form, and the group of 24 no supplements. All of the cattle grazed the dormant range grasses as well.

The sewage supplement is 50 percent sewage solids, 23 percent cottonseed meal, 15 percent alfalfa hay, 10 percent molasses, sand about 2 percent apple flavoring. At the time of the study it cost about $80 a ton; cottonseed meal, a standard supplement, cost about $200 a ton.

During the period of the study, 3 months in 1978 and 2 months in 1979, cattle were fed about 4 pounds of supplement per head per week During that time, when the range grasses are at a nutritional low point, cows are in late stages of pregnancy or have calved and are producing milk.

Percentages of "calf crops" for the 2 years of study were 66 percent for the cows getting no supplement, 84 percent for the cows getting cottonseed meal, and 82 percent for the cows getting the sewage solids supplement.

Average weights of the calves at weaning for the 2 years were 274 pounds for the no-supplement group, 330 pounds for the cows fed cottonseed meal, and 308 pounds for those fed the sewage product.

After the calves were weaned, the cows were rebred. Only 61 percent of the group that had no supplements became pregnant, while 88 percent of the cows that had received supplements became pregnant.

All of the groups had nearly the same amounts of silver, cadmium, chromium, iron, mercury, nickel, and lead in blood, liver, and milk; moreover the sewage solids tended to improve low levels of copper, manganese, and zinc in blood and milk.

"Our results support and tend to confirm the view that products derived from raw sewage — primary sludge — could be recycled as supplemental feeds for ruminants subsisting on poor quality roughage feeds.

"Substantial nutritive benefits are provided by the sewage products without incurring undue risk from toxicity to animals or accumulation of toxicants such as heavy metals.

"Naturally, further research is necessary before feeding of sewage products could be recommended in practical livestock production," Herbel and Smith say.

Land going downstream?

LEESPORT — "Is your land going down stream?" asks Duane E. Pysher, district conservationist of the U.S. Soil Conservation Service in Berks County.

Sediment is the number one pollutant by volume of our streams, says Pysher. Accelerated erosion, or erosion other than that caused by natural process, is the cause of this sediment. Farming, construction sites, and any of man's other earth moving activities are all contributing sources of this pollutant, he explains.

"The damages that result from this pollutant are affecting all of us directly and indirectly," he adds. It causes streams and rivers to become clogged and cause more frequent flooding or creates swampland." Sedimemt fills lakes and municipal water supply reservoirs. It clogs roadside ditches, plugs culverts, decreases bridge capacities. To clean up and repair these damages costs the general public money in the form of tax dollars or adds to the cost of commodities we buy, Pysher stresses.

Through the installation of surface water control systems most of these damages can be eliminated. In the process of reducing runoff to a minimum, erosion is also reduced, he notes.

Specter requests more farm research funds

WASHINGTON, D.C. — U.S. Sen. Arlen Specter (R-Pa) has asked the Senate Appropriations Subcommittee on Agriculture, of which he is a member, to add funding to selected federal research programs designed to aid farmers.

In a letter to Senator Thad Cochran, subcommittee chairman, Specter stressed that without this important funding the nation's agricultural community will suffer.

Among the programs for which he requested adequate funding are research on the eastern russet potato, gypsy moth control, soil conservation, farm safety, brucellosis control and the Federal Grain Inspection Service.

Spector said that research efforts funded by the Department of Agriculture have "been successful in making the eastern russet potato comparable and competitive with the more expensive Idaho Potato." Continuation of this research, he said, is necessary to make the russet competitive with imports of potatoes from Canada which have been cutting deeply into the American market.

Some $2.5 million is necessary, said Specter, for research on ways of curbing the depredations of the Gypsy Moth, which last year defoliated 13 million acres of forestland.

Regarding soil conservation, he noted that Pennsylvania has ranked first in the nation in return on the dollar for this type of federal technical assistance.

"Continuation and full funding of this program is critical to conservation in my state," he told Cochran.

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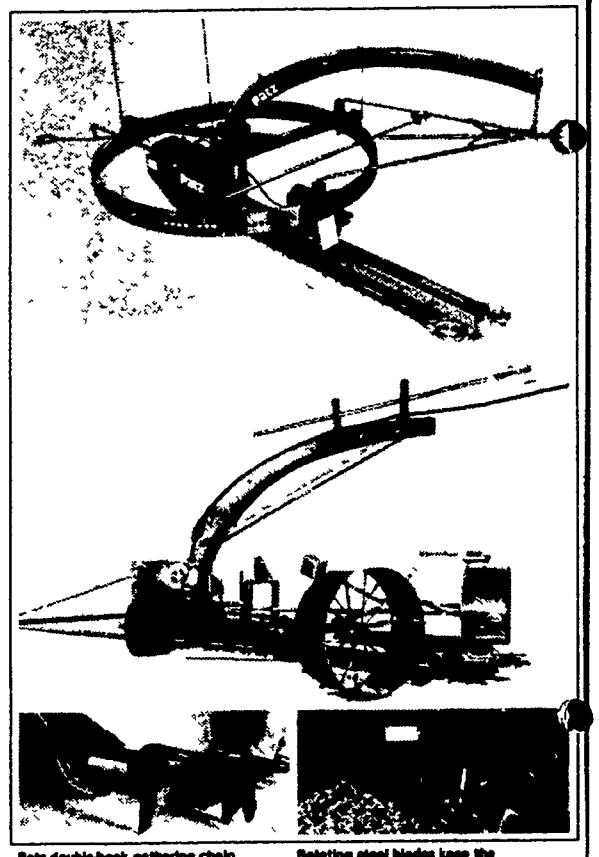

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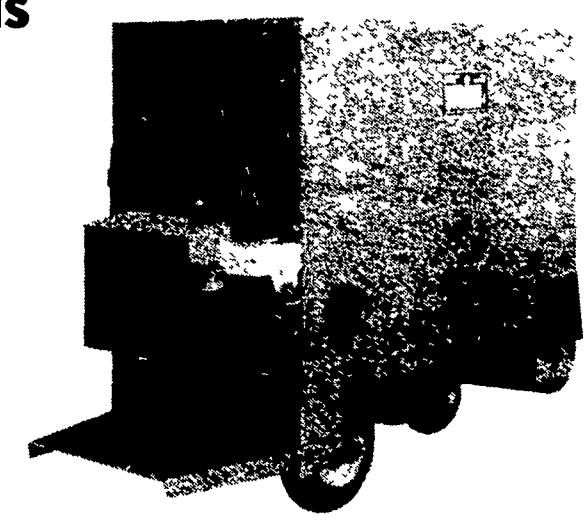

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USDA sinks funds into 12 new research projects

WASHINGTON, D.C. — The U.S. Department of Agriculture will fund 12 new research associate proposals to support basic agricultural research and to encourage new scientific talent.

"Basic research is a high priority for the USDA because it provides the fundamental knowledge to improve efficiency in agricultural and to open new fields of investigation," said Terry B. Kinney, Jr.; administrator of USDA's Agricultural Research Service.

Kinney said the basic research projects are designed "to make the most of the shrinking U.S. research dollar and to encourage new scientific talent in a diminishing pool of agricultural scientists.

"We will bring in recently graduated scientists of exceptional ability who will work to overcome obstacles and trouble spots in the animal and plant sciences. We expect these scientists to bring to the projects new ideas and new approaches that will blend with the expertise of our more experienced researchers."

Kinney said his agency will fund the work of the 12 scientists for one year with $420,000. Known as the 1982 research associate proposals, the studies were selected from proposals submitted from among the agency's 147 research locations.

Among the projects are:

—Research leading to genetic engineering techniques to produce wheat and rice plants from cells instead of from seeds;

—Genetic manipulation of chicken genes for resistance to a virus-causing disease,

—Assessing herbicides' ability to kill weeds but not crops; and

—Eradicating pseudorabies in swine by virus fingerprinting.

—Kinney said one new scientist will be appointed for each for the 12 projects. Each of the agency's four regions will be represented by three of the projects.

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Too many fish spoil the pond

UNIVERSITY PARK — It has often been said that too many cooks spoil the broth. The same principal holds true for small ponds according to Terry D. Rader, associate professor, forest resources Extension at Penn State.

The problem may occur in two ways according to Rader. Too many species (different kinds of fish) can complicate pond management or too many of one species (a stunted population) also can adversely affect fish growth and ruin the quality of sport fishing.

The most common problem with too many fish in Pennsylvania ponds is stunted bluegills. Too many bluegills can prevent bass from spawning successfully. When this happens, the bluegill problem will only get worse.

Several measures may be taken to reduce bluegill numbers. Conventional angling methods may be used. No bluegills should be returned at the pond. Trapping can remove excess unwanted bluegills. Seining to remove excess bluegills is a good management tool. To own and possess a seine over four feet square, a state permit is required.

If there is still a few bass remaining in the pond, a partial drawdown can be an effective bluegill control measure. The drawdown seems to work best when done over winter. It is recommended that pond owners check with the local waterways patrolman about state regulations regarding some of these management practices.

If bullhead, pumpkinseed sunfish, crappies and perch are not already present in the pond, do not stock them. These species will only tend to complicate pond management. For more detailed information on pond management, contact your county agent

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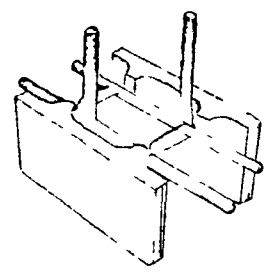

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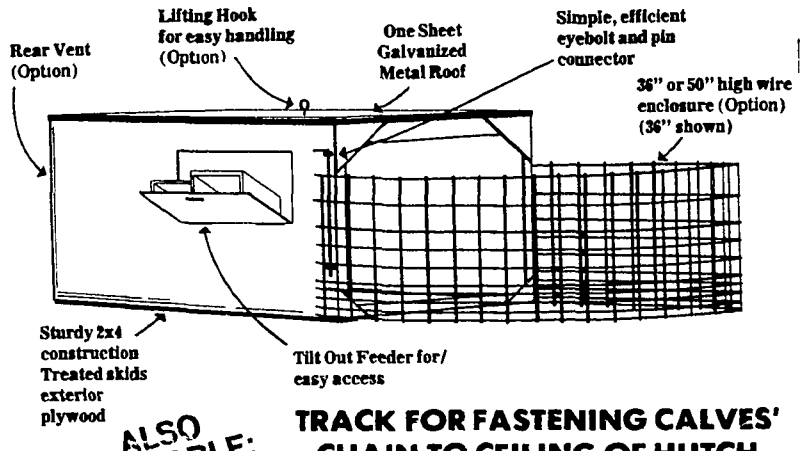
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Delaware's poultry diagnostic lab undergoes changes

NEWARK, Del. — The University of Delaware has stepped up efforts to combat poultry disease with several important changes at its poultry diagnostic laboratory in Georgetown.

A full-time poultry pathologist and a senior research technician have joined the staff, filling two critical vacancies, and several key pieces of equipment have been added to the physical plant.

The pathologist, Dr. Edwin M. Odor, is a graduate of Auburn University's veterinary college. After 13 years of private veterinary practice in Kentucky, he earned a special graduate degree in poultry diagnostic medicine at the University of Georgia.

The new research assistant, Helen A. Breeding, has an AAS degree in medical laboratory technology and over six years of laboratory experience.

A laminar flow biohazard safety cabinet, a refrigerated centrifuge, a pipet filler and dispenser, and two new microscopes are among the laboratory additions. The new fluorescent antibody microscopes permits more rapid positive diagnoses, thus facilitating earlier treatment of infected flocks. The teaching microscope, which has a second set of eyepieces, helps Odor explain diagnostic methods to University personnel, local students, and poultry flock supervisors In addition, two incubators have been donated to the lab by CEVA Laboratories, Inc.

Another addition is a holding room for birds brought in by poultry service workers. Birds are kept here until Odor can work on each individual case.

According to Ed Ralph, director of the Georgetown substation and executive secretary of the Delmarva Poultry Industry, Odor works closely with the nine Delmarva growout companies in maintaining flock health. He's also working with University poultry researchers in Newark.

"We are extremely proud of our University's poultry disease research team," Ralph says.

Poultry pathologist Dr. Ed Odor and research assistant Helen Breeding weigh chickens at the newly renovated poultry diagnostic laboratory at the University of Delaware's Georgetown substation.

Franklin District meets

CHAMBERSBURG — Directors Glenn Dice, Ronald Allison, and Robert Woods were selected to serve on the Awards Committee in conjunction with the Franklin Co. District's Annual Banquet and Meeting to be held on Sept. 28 at Camp Joy El.

These appointments were made at May's monthly meeting of the Franklin County Conservation District Board of Directors.

At this meeting, more than 6,300 acres of land were approved for conservation planning assistance. Landowners requesting assistance are: Rosenberry Brothers Lumber Company and Carl Rosenberry, Metal Township; Borough of Shippensburg, Southampton Township; and John Garland, Arthur Fisher, and Glenn C. Miller, Peters Township.

CCC loan interest up to 14.125 percent

WASHINGTON, D C — Commodity and farm storage facility loans disbursed in May by the U S Department of Agriculture's Commodity Credit Corporation will carry a 14 125 percent interest rate, according to CCC Executive Vice President Everett Rank

The new rate, up from 13 875 percent, reflects the interest rate charged CCC by the U S Treasury in May, Rank said

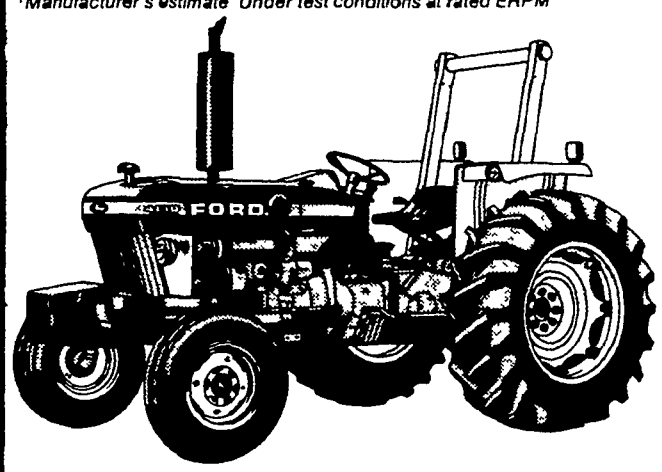
GO FORD and SAVE!

CALL (717) 569-7063

Ford introduces new Series 10 World Tractors—ten new models from 34 to 86-hp* with new, more efficient diesel engines The average fuel economy improvement is over 7.1 percent better than the previous models

Here's what that can mean to you On a new Ford 4610, fuel economy is improved by 9.1 percent † If your fuel costs $1 25 a gallon, in a typical 8-hour day the new Ford 4610 will save you more than $3 in fuel over the previous model

*Manufacturer s estimated PTO horsepower
†Manufacturer s estimate Under test conditions at rated ERPM



COME IN AND SEE WHY IT MAKES GOOD SENSE TO GO WITH A NEW FORD SERIES 10 WORLD TRACTOR!

- Arrange a Free Demonstration of a 4 wheel drive.
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- Take advantage of pre-season financing.
- Take advantage of leftover inventory

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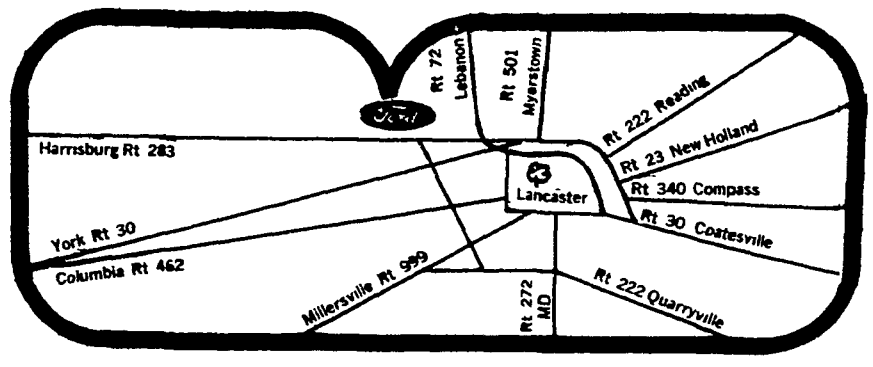

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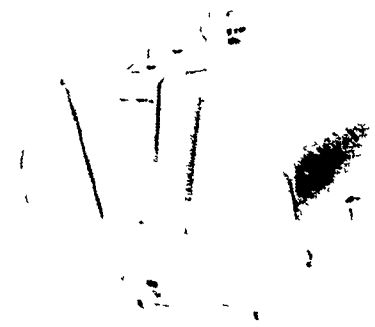

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See us We'll make you the kind of deal Mueller is famous for and then you use the $400 to make that deal even better!

You can have the Mueller Milk Cooler with all the features that have made it number one milk cooler with dairymen all across the country You can have the best and save money at the same time!

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FARM EQUIPMENT

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JD 4020 diesel, dual hydraulics, year-round cab, exc cond 814 793-4293

Combine, Harvester and Corn Head Parts For Sale off used machines Wenger's 717-866-2135

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw- in hub which has the ability to tighten up on new or worn crank shafts Also available new manufactured unbreakable fly wheels Allen Machine Works, RD #7, Jonesboro, Tenn 37699, 615 753-5738 day or night

72 JD 4020 side console, wide front, 2700 hours, $9,500 814-793-4293

JD 730 diesel, electric start, 3 pt hitch, fenders, exc cond 814-793-4293

FARM EQUIPMENT

For Sale - Bale kicker wagons steel or wooden sides, complete with running gear or will put sides on your bed 8x8x16, 18 or 20 ft lengths Also flat bed wagons 1 mile north of Gap along Rt 897 STOLTZFUS WOOD WORK, RD #2, Gap Pa 17527 717-442-8972

JD 2020 diesel, 1800 hours 814-793-4293

Int Model I2500-HSA rubber tires tractor, PTO, 3 pt hitch, power steering and dual wheels rear $3500

Ford 3500 Diesel Tractor fully equipped, enclosed cab, good running condition $3000
VILSMEIER EQUIPMENT INC
Construction Equipment Sales & Parts
Route 309
Montgomeryville, Pa 18936
Phone 215-699-3533

1976 7060 AC tractor w/cab, duals 20 8x38 excellent condition Call 215-932-2753

FARM EQUIPMENT

IH 856 cab, 3 pt, exc cond 814-793-4293

For Sale (1) 8' & (1) 10' Brillion Packer Seeder, 1 NH 404 hay conditioner 717-687-6553 or 687-8021

GRAIN AND SEED CLEANERS NEW - USED RECONDITIONED
Clippers, Crippens, Rotex, James, Texas Shaker, Prater, Tyler, Howes, Carter-Day, Etc. Lowest prices quickest delivery (We also handle a complete line of grain, feed, fertilizer and extraction equipment in new, used and reconditioned We currently have more than 100,000 items.)
Steven Lloyd Corporation, 600 South County 18, St Louis Park, Minnesota 55426 (612) 546-2855

IH 1456 runs good, priced to sell Lanc Co 717-284-2761

JD 3010 gas w/cab and wide front end 717-569-0969 evenings

FARM EQUIPMENT

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH 717-263-0013

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White 2-105, cab, air conditioning, radio, dual hydraulics, 540 & 1000 shaft, 1300 hours $14,500 814-793-4293

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Hydra Fold Auger Inc - 6" or 8" gravity box auger, truck auger, grain bin drive unloading unit, little red toy wagon 149 N. Market St, Paxton, IL 60957. 217-379-2614

Stoltzfus 30' boom fertilizer spreader, stainless steel booms, $2300, good condition Bush Hog tandem disc harrow, $2500. 301-349-5432

FARMALL TRACTORS FOR SALE
Super C, NFE fast hitch
Super C, NFE cultivators
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Cultivators for all of the above
717-687-6553 or 687-8021

FARM EQUIPMENT

HAY EQUIPMENT FOR SALE
MC 5' Corn Chopper
NH 55 & 56 Hay Rakes
NI 402 wheel rake, $600
Farmhand 5 wheel rake
NH 268 Baler
NH 24' & 30' elevators
717-687-6553 or 717-687-8021

Combine, 3300 JD, 422 hrs, looks like new 814-926-3669

1750 Oliver diesel. Just overhauled $6500. 301-833-1847

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For Sale - JD 999 corn planter w/disk openers and plateless units $750 JD and McD horse drawn planters converted to plateless Also plateless units for self installation $550 per set Instructions are included Gideon F Stoltzfus, Gap RD2 Box 2276, Lanc Co 17527

7G crawler loader, very good condition, asking $10,900 Will consider trade in 717-367-9773

JD 4010 diesel, wide front, excellent. 814-793-4293

JD 2510 gas, dual hydraulics, 3 pt. power steering, 3000 hours, $4300. 814-793-4293.

8 row White planter, excellent condition, 1 year old. For information call 215-932-2753

2600 gal. Better Bilt vacuum tank spreader w/injectors, like new, 1 yr. old, $10,500, Zimmerman dairy and poultry manure auger, approx. 26'. 717-637-0192 early mornings or early evenings

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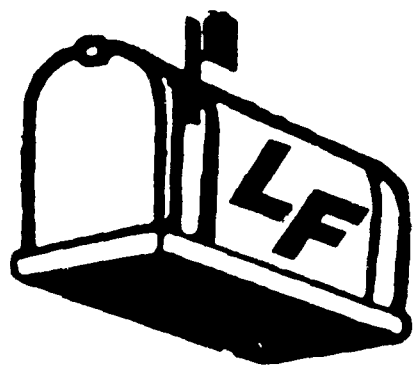

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Big bales "breed" stable flies

COLUMBIA, Mo. — Those same storage practices that reduce spoilage of large, round hay bales also reduce the breeding sites of pesky stable flies.

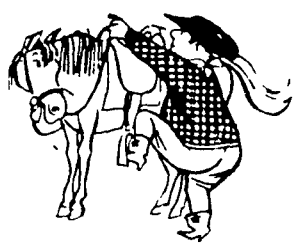
In a 12-site central Missouri study, researchers found stable fly larvae or pupae in the undersurface of most bales stored outdoors—unless the bales were wrapped in plastic or stored on crushed rock.

The study was conducted by entomologists Robert D. Hall, University of Missouri-Columbia, and Gus Thomas, USDA's Agricultural Research Service. Thomas works out of the USDA's Biological Control of Insects Laboratory in Columbia.

During a survey last summer, Hall and Thomas found that hay bales in a state of decay during the wet summer appeared less attractive to stable flies than actively fermenting bales that were only a few months old.

Thomas said farmers can reduce spoilage and stable fly breeding sites by: (1) aligning bales on a north-to-south axis to permit sunlight penetration under rounded edges, (2) moving bales to well-drained sites, and (3) leaving a space between bales to promote drainage.

SADDLE UP!



TO BETTER EQUIPMENT
Find It In Lancaster Farming's Classified Pages.

FARM EQUIPMENT

1977 Ford 8700 dsl cab/AC, heater & stereo radio, 2200 hrs., 20 8x38 rears, 20% tread, excellent condition $13,500; 6 btm. Ford semi-mtd. 16" plow $800 with cylinder Jeff Co 814-371-7894

For Sale - Two Stanhay vegetable seeders asking $250. each. Perry County 717-567-3340

For Sale - JD 494A 4 row corn planter, dry fert. and insect. hoppers, exc. cond., $1,000. 717-922-1135.

AC Model G combine, hydrostatic, 16' grain head, floating cutterbar, cab air cond., excellent condition $16,000 301-822-3584 AC 6 row 30" corn head, fits F, G or CII, low acreage, $4,000 301-822-3584

410 MF combine, diesel, hydro. 13' quick-tach grain head. Monmouth Co NJ 609-259-7492.

For Sale - AC WD45 overhauled, new paint, good rubber, exc. condition, $1900 or best offer; loader for WD 45, $50. 215-489-7935

Caterpillar generator set D-343. 275 KW, excellent condition. 703-721-2643

For Sale - Massey Harris self-propelled combine, 7' cut, $550 717-998-9286

IH 5100 grain drill, soybean special. IH 120 forage wagon Gravity wagons. Post driver Barbed wire 717-776-7724

JD 6600 sidehill combine with three heads $40,000. 301-635-2876

For Sale - Oliver #64 grain drill fertilizer and grass attachments, new disks, rubber tires, excellent condition $1,400 Pull-type 6 row rotary hoe $150 717-733-6206

Wanted to Buy - 402 NH Crimper. 717-687-8021 after 6 p.m.

For Sale - AC Lilliston 6R rolling cultivator, like new, Gehl 115 grinder-mixer, JD 46 front end loader with independent valves, White 283 16' field harrow, 2 gravity bins 300 bushel each, Bush Hog 10' chisel plow, JD 340 heavy duty offset disc good cond 13', Call by 9 P M 215-756-6320

For Sale - New side mount spraying system, 2-150 gallon tanks and mounting brackets All plumbing to the pump never used $825. 717-872-7801

JD 2 row potato planter, fertilizer attachments, good condition, $375 Amos D. Lapp, 1561 E. Newport Rd., Lititz, PA 17543

For Sale - IHC f/h corn planter; IHC 3 pth. 100 mower; NH 450 3 pth mower; NH 456 trailer moer; NH 36' elevator. 717-687-6553.

M/Moline G1000D 301-833-1847

494A 3 R corn planter 301-833-1847

NH wagon, 1 yr. old, tandem axle, Ag-bagger machine w/elevator. 215-347-2309 after 7 P.M.

2 pull type plows, JD and Oliver. 301-833-1847

48' hay elevator 301-833-1847

EQUIPMENT WANTED FOR NEW JERSEY'S BUSIEST EQUIPMENT CONSIGNMENT AUCTION. Tractors, implements, trucks, lawn and garden. Next Auction Saturday, June 19th 9 A M Fair rates Call Jack Wooton at Towne Tractor Co., Rte. 33, Freehold, N J. 201-431-3838

For Sale - 2 used Acorn cable barn cleaners 170 & 180 ft of cable, 2) 1½ h p. reversing motors Good for parts. Call after 7 P M. 717-434-2697

Oliver 1750 D 301-833-1847

JD 3300 Diesel combine, cab, 13 ft grain head, excellent condition, 452 hrs., Huntingdon County 814-667-3693

FARM EQUIPMENT

Grain bin, 5 rings 18' dia With foundation ring, Hawk bilt 157 spreader, L.H. excellent condition 215-486-0213. After 8 P M Chester Co

For Sale - Rear weights and brackets for JD 350 crawler, Call 215-445-4410

For Sale - 1 used 1200 David Brown Selectomatic new motor with less than 400 hrs., needs pinion gear for rear end Phone 717-458-5107 Elwin F Mulaney, Benton, PA RD #3

For Sale - 300 gal exc condition gas tank with pump and gas gauge, $200 or best offer. 215-444-2646

JD 336 baler, JD corn-planter, 4 Angus cows. Balt Co 301-592-6485

Oliver 1650D, Oliver 4-16" Cushion Trip Plow, N.H 268 Baler, 215 bu gravity wagon. Phone 717-626-6142 Lanc Co

For Sale - Antique gas engines, 1½ h p. domestic 1½ h.p. Hercules antique air compressor sold in Lancaster when new Also old corn sheller, call morning or evening 717-865-3506.

John Deere 1209 Mower Conditioner, used 3 years, excellent condition, late model. Call 301-842-2343, $3,250 or best offer.

Int Super W9 Tractor on steel, good running condition. Christian K Smucker, RD #1 Ronks, Pa. North Weavertown Road

New bale throwing wagon bodies, all oak lumber, creosated 8'x8'x18', 215-273-2594

IH 370 12' transport disc, Brillion 13' packer, IH 2000 loader, IH 990 9' mower condition 717-653-5155

Wanted - Good used 14 9x24 or 16 5x24 tractor tires 215-343-4953

Int Super W6 with belt pulley, and PTO on rubber, good running condition. 717-768-8679 Call after 7 30 P.M.

For Sale - 210 gallon tractor-mounted spraying outfit w/hyd centrifigal pump Complete w/incorporation kit, like new $1,200. 717-529-2382

NI 272 cut/ditioner, like new. 717-768-8679 call after 7:30 Int #5 silage cutter, like new.

Custom built double chain wooden conveyors and tapered board feeders. Also flat bed and hay rack wagons and single, double and triple trees, up to 8 horse hitches. Yokes. Samuel K. Stoltzfus, 550 Beechdale Road, Bird-in-Hand, RD #1, Pa. 17505

AC combine G good condition. 609-298-0481

Ford mower, 5' bar, 3 pt. 215-267-7014

JD 4630 power shift, cab and air, triple hydraulics, JD 4020 diesel power shift, JD 3020 gas power shift. Call by 9 P M 215-756-6320

United Farm Tools auger box on tandem axle trailer, can be used for fert. or grain, $2,000 Lycoming Co 717-547-1789

For Sale - NI 40' elevator, bin wagon, Kasten, Century 200 gal. sprayer, 3 pt. hitch. All 1 yr. old 717-867-5315

For Sale - NH 268 baler and thrower, knotter rebuilt, $925. Starline silage dump scale, like new, best offer. 717-548-2451

For Sale - JD 7000 8 row no-till planter, liquid fertilizer, insecticides, herbicides and population monitor Call by 9 P M 215-756-6320

1981 JD grain drill, 8200, exc. condition 717-653-5359, 717-426-2655 after 6 P M.

FARM EQUIPMENT

Farming Equipment for sale - Washer, Candler and grader, 30 case per hour on Big Dutchman feeders, all equipment for baby chicks 201-297-3732

SLUDGE APPLICATOR - Diesel, 3500 gallons, Goodyear flotation tires, low mileage. Ready for work. Must sell due to contract cancellation Will consider financing Call 215-237-0700 for information

For Sale - 17x7 FBB grain drill, double disc, depth band, exc for soybeans, good condition. 717-733-4516

NH 276 baler, super sweep, no thrower, $2550 717-738-1677 or 733-7408

New JD 7000 6 row conservation planters w/monitor, insecticide and cast press wheels Dry fertilizer - $10,750 Liquid - $11,200 H. R Gutshall Sons Inc, 1201 Spring Road, Carlisle, PA 17013 717-249-2313

For Sale - 6 new 10 ton wagon gears, $515 ea Lanc Co. 717-354-0595

Gleaner F2 corn-soybean special combine, 1980, only 300 hrs, 4 row corn hd., 13' grain head, exc condition. 607-525-6311 or 6145 Combine was stored inside every night after days use and fully serviced every morning

Notice! Would the gentleman from the Reading area who called that had a John Deere No. 40 combine for sale call 717-275-4559

IH 706 gas 3 point 2900 hours $6,000, NI 702 Unichopper 1200 hours 2 heads overhauled motor $6,000, IH #10 grain drill 13 disc $1,000, 51 IH chuck wagon 8 ton chassis $1,500, 61 IH chuck wagon 10 ton chassis $1,000, 440 IH 4-16's mounted plow $1,600 Excellent condition Tioga County 717-673-3334

Tank manure spreader for sale, approx 175 bu good condition Call 717-872-5523

For Sale - Corn pickers Woods Bros Good condition IH one row mounted for Super C Call after 5 p m 717-788-1780

JD 4430 w/1600 hrs., 4230 w/1400 hrs., 4320 w/200 hrs., 4020 170 skid steer loader IH 1086 w/1000 hrs 1466 IH, 20 Holstein cows, bale throw racks and forage boxes, new & used. 717-547-2387

IH 856 w/cab, wide front, dual PTO and dual hyd., 38" rubber 814-696-0868

For Sale - (1) 30" 12 row Brillion hydraulic fold cultivator, 1 year old, new condition $3500 firm. Call after 8 P.M 302-378-2816

4020 console model, power shift, dual hydraulics 814-793-4293

Wheat sprayer, hay elevator, 16 hole grain drill, IH, like new, 201-297-0265

AC 190-XT, diesel, needs work, $3000 or best offer 814-793-4293.

Allis Chalmers 4 row no-till corn planter w/insecticide and fertilizer attachments and monitor Good shape $1950 Box 333, R1, Strasburg, PA 17579 Lancaster County

One used JD model 6500 forage blower w/hopper, 4x8 tires, auger feed, towing hitch, 57" fan, SN6558, like new, $1,700. One used IH 51 forage wagon, good condition, $1,300. One used IH chopper, hay head, 1 row corn head, all new knives, $1,450 717-789-4456.

White 40 hp skid loader with hyd-drive, 21 ft roto-hoe, 6 ton truck chassis with dump body, tractor drawn 215-678-5009

FARM EQUIPMENT

White 508 4x18 semi mounted spring reset plow, all the extras, $3,700 215-682-7874

JD 630 w/factory wide front, excellent condition $3,000 firm 301-848-1272

For Sale - NH AL 425 skid loader w/60" bucket Very good condition $5500 717-532-7054

NH 770 forage harvester w/2 row corn head, pickup head and electric controls, NH 352 grinder mixer, IH 110 forage wagon w/3 beaters and roof, 40' Zimmerman elevator, IH #5 flail chopper, 45' Cardinal auger, PTO driven, 160 bu gravity wagon w/6 ton running gear, 220 bu. gravity wagon w/8 ton running gear, NH 675 manure spreader 275 bu capacity All machinery in very good condition Union Co 717-966-2491

Ford 8000 tractor, dual power, good cond., for sale or lease 717-786-2839

NI 270 cutditioner, ready to go in the field $800 301-549-1272

JD 1240 4 row conventional corn planter, plateless, excellent condition w/extra unit $750. 301-549-1272

Oliver baler for sale, good condition. 301-634-2767

Wanted to buy - John Deere model 820 diesel tractor, 3 cyl., 1968 - 1973 Call 215-539-9479

New Idea 323 corn picker IH 37 baler w/10 thrower Schuylkill County 717-425-2562

6-U-53 Detroit diesel engine, completely majored Will talk Cummins V-903 engine Good running condition $1250 Clearfield Co 814-583-5332

Grain and milling equipment· Sprout Waldron corn cracker and grader, Roskamp oat crimper, SW molasses blender, Richardson bagging scale, several mixers, several step-starters for large motors, and other starters, platform scale, Fischbein bag sewer, etc This equipment is suitable for feedmill or large farmer wanting to process own grains 703 937-5656

For Sale - JD 4010 diesel, wf, new 18 4x38 tires Less than 100 hours on overhaul, w/4020 kit $6000 or best offer. 717-532-8601

Atlas Copco air compressor, 85 cu ft, 2 cyl Deutz dsl. engine, Grayco bulldog 30 to 1 airless spray pump, Grayco President 3 to 1 fiber spraying pump w/175 gal agitator tank, $3,000 717-838-6318.

1 Green Chop feeder wagon, mounted on JD running gear, 16' long x 6' high sides, $400 717-286-9380 Northumberland Co.

1 horse drawn Krause low wheel cultivator, very good condition 215-822-0889

970 Case, Cab, Air, real sharp, must sell 717-733-7408 or 717-738-1677

NI 752 crimper, orange top, $675, NH 456 mower, on wheels, $895. Both like new. 717-354-0266

Oliver 1655 Diesel, like new, Crawler tractor, Agricultural Crawler, grain wagon, MF baler, 418" Int 3 pt plow, Oliver hay loader (717) 865-6794, call after 5 eves

Horse Drawn Equipment, NI side delivery rake and tedder, Syracuse sulky plow, Wiard sulky plow, Milk sleigh, Wiard flat land plow, McCormick Deering sidehill plow, McCormick Deering mower, Ontario grain drill, 2 row corn planter, sulky cultivator, hay rigging, heavy logging bobs, one set skidding harnesses, 1½ HP McCormick Deering engine 717-662-2328

FARM EQUIPMENT

For Sale - JD 6600 diesel, JD 7700 turbo hydro deisel, JD 4400 gas low hours reasonable JD 213 flex head, JD 643 corn head, JD 444 corn head Call 9 P M 215-756-6320

For Sale Used JD BW 12 transport disk harrow 717-463-3270

4 Gandy insecticide boxes, fits IH corn planter, never used $600 412-677-2589

For Sale 68 HP Lombardini diesel w/clutch reduction unit, very reasonably priced Benuel Beiler, R D 1, New Providence, PA 17560

AC 190 diesel, wide front, new teeth, excellent condition, $6,000 301-239-8205

100 gallon liquid fertilizer system w/pump, 20' boom, 3 pt. hitch, knife implement 302-697-7667 ask for Bill Jr

12' Miller disc, heavy duty, 220 JD folding disc, 18', 814-793-2339

For Sale - New Holland 401 hay crimper, also Ford 311 4-row corn planter Chester County 215 273-3274

Ditch Witch w/backhoe 814-696-0868.

IHC 5100 18 hole double disk, soybean special grain drill, used on 50 acres, like new $4,000 JD 12' cultimulcher, A-1 $1,750. Phone after 7 P M 201-369-4120

For Sale - AC 782 Harvester w/2 row corn head $600. Lancaster County 717-442-8327

For Sale - Davis grinder mixer, can use liquid molasses Badger PTO blower 14 ft steel drag, Massey Harris 7' pull type reel type PTO combine 215-488-1324 Berks County, Pa

4010 wide front, dual hyd, and dual PTO Special $6,000 814-696-0868

6700 Ford tractor with 900 hrs, 151-4 bottom 16" reset plows with second set of shears Price a new one - make reasonable offer. Will Sacrifice Must sell Call 717-538-1555 anytime

1080 MF tractor, 3 beater NI manure spreader, exc condition Franklin Co 717-328-2458

FARM EQUIPMENT

IH 656 w/wide front, dual hyd, 38" rubber 814-696-0868

For Sale #269 NH Baler with thrower, reasonable price Lancaster Co 717-656-8052

Wanted Various seed plates for JD planter Call with plate numbers 717 386-4249 evenings

POTATO PACKING LINE Complete late model Haines, 25 cwt per hour capacity Will consider tractor trade 717 386-4249 evenings

One NI steel wheel wagon, new bed $450 Write Benual Stoltzfus, R D 1, Box 197, Kinzers, PA 17535 or call at the farm, 1st farm east of Spring Garden store on Rt 340

JD 2840 900 hours, excellent condition $13,500 717-896-3630

Gehl 170 mixer wagon, electronic scales, used 14 months, like new Washington County 301-790-3299

IH 806, wide front, dual PTO and dual hyd, 38" rubber 814-696-0868

For Sale - NI #245 Spreader, 375 bu tandem axle, hydraulic end gate, going to slurry manure, reasonable price, Lancaster Co 717-656-8052

White #2 135 air ETC 400 hours, perfect 301-473-5721

Ford 532 baler, like new condition, $1700 NI 201 spreader, fair, asking $250 Harry Corl, State College, PA 814-238-6639

For Sale - Dunham 6 row cultivator w/styne shovels, like new AC 4 row cultivator 3 pt. 717-354-5092

Oliver O C 12 loader 6 cyl diesel 1 yr bucket, tracks and JD-L, good condition and JD mower and plow for JD-H Call 717 629-0494

For Sale - John Blue sprayer on truck w/metering wheel, 40' booms 215-584-6894 after 7 P M

NI 1037 auto bale wagon, very good condition, $11,000, JD 4420 combine, 15' head, like new, only 200 hrs, $48,000, Krause 12' disc, $1,000 609 655-0337 after 6 p m

FARM EQUIPMENT

Antique JD tractor on rubber, good mower good workers on front, 814 355 7334

1070 Case with power shift, cab and air 3 sets rear weights, $7000 8006 Deutz, $4900 215 267 5131

4030 JD real good shape $7500; 336 JD baler, 30 thrower, nice, $3500 717 733-7408 738 1677

For Sale - Harvestore 50 belt feeder with four lot control Excellent condition 717-224-4310 Wayne Co

Brillion chisel plow 10 exc cond, $1,390 Seed broadcaster, $290 22 hay elevator, $225 Two McCurdy corn wagons, $650 each NH grinder mixer, 2 ton $2 100 G T corn dryer, 370 model, $3,500 JD 3300 combine w/cab, 2 row corn head 10' grain head, $13,900 717 292-1079

For Sale Ford plow, 4 bottom, semi-mount $400 MF haybine $600 215-683-6074

1978 986 IH Tractor, setup the same as a 1486 turbocharge with only 1060 hrs, cab AC, heater, dual wheels like new, 6000 gallon fuel tank 717-524 2011

JD grass mower for horses w/hyd system and engine, very good condition NH hay conditioner JD hay conditioner Vicon hay rake w/4 and 5 spinners, 3 pt or for horses JD 20x24 disk harrow w/new blades Gideon L Fisher, 61B Old Leacock Rd., Ronks, PA 17572

For Sale - 7040 AC tractor, power shift, air, heat, good condition, 1900 hrs 301-642-2171 after 7 p m 658-6793 days after 8 a m

Will buy & sell all types of horse drawn equipment 215-593-5754

656 Farmall diesel tractor, both front ends, exc condition asking $5500 215 794 8613 after 7 p m or around noon

GENERATORS
1 Winpower model 12/20 PTO 12/20 KW, 48 amps, single phase, $1500 L Ford diesel, 4 cyl, 172D, 25 KVA, 20 KW, 3 phase, $2000 301-239 7781

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Used & Reconditioned Silo Unloader Tripods	½ Price
Used Hydraulic Pipe Bender (1¼" Pipe)	$200.00
Used 9" Heavy Duty Auger (15' Long)	$350.00

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SALES: WAYNE

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FARM EQUIPMENT

Choice of AC or White 6R air corn planter, dry fert cross auger, no-till, insecticide & monitors, ready to go. 717-726-3659

NH 54A bale thrower in excellent condition to fit some late style balers - 273, 275, 276, NH 53A thrower to fit older models Call 717-949-3074

For Sale - New Idea Uni system 702 tractor, combine and 2 row corn head, reasonably priced Phone eves 717-568-7271

JD 3020 tractor side console, narrow front Case 995 w/cab IHC 756 w/cab IHC 990 mower conditioner 717-463-3511

JD 237 mounted corn picker JD 38 chopper, 1 row corn head and hay head 301-452-5695

IH 674 loaded 1100 hrs, exc cond IH 450 auto reset plows. JD 494A corn planter, exc JD KBA disk w/cultipacker Adams Co 717-432 3942 after 6 P M

JD 3010 gas engine, cab, wide front, 3 pt hitch, good cond, $3,400 717-629-1131 after 5 30 P M

For Sale - IHC #9 mower, NI horse rake and tedder 717-687-6553

For Sale - JD 1010 crawler w/angle blade, excellent condition, 301-795-9631

For Sale - JD 48 Loader, $1100 301-795-9631

For Sale - Miller 10' offset disk w/hyd leveling 215-383-6818

Gehl 100 grinder mixer, 2 years old, excellent condition 717-949-3074

JD 4020 diesel, wfe, recently overhauled, roll guard, dual hyd, good rubber, exc condition 301-692-5783

For Sale - MF - 85 gas, M&W kit, wfe, ind PTO, 3-way hyd spool, looks and runs good Chester Co 215-932-2508

For rent or lease - 4020 JD diesel, good condition, standard transmission, wfe, Quarryville, 717-786-3964

For Sale - Leyland 270 tractor, 82HP w/250 actual hours, like new 814-364-9333 or 814-238-4957

2 Badger forage wagons w/roof 1 single axle, 1 tandem axle, IH 1066 w/air conditioner, cab & IH 1066 w/roll bar & roof Excellent condition Call 717-668-5215

For Sale - John Deere model 45 combine, round back, 12 foot grain head, extra reel, 2 row model 235 corn head, good condition. Berks County Call 215-678-8274

For Sale - Two 7' JD grass mowers, three 24 blade KBA disks. Mine Road Farm Shop, Sam J. Esh, Paradise, PA

1 HP Baldor electric motor, good condition Call 717-244-4730 after 9.00 A M.

NH Tank Spreader #368 looks new $2800, JD fert spreader, looks new 10 to 12 ton capacity $2500, Starline tank spreader, small $1400, 717-776-6203

JD 60 good condition Small irrigation system 215-933-6291

For Sale - John Deere haybine $200, also 40x70 barn to be removed in very good shape, plus one implement shed etc, for more information contact Harvey Martin 215-944 9307

D 4, angle blade, good under carriage 301-838 6196 after 6

JD model 700 grinder mixer used less than 1 year Priced to sell 717 483 6953

3 pt hitch scraper pan $800

DENNIS M MILLER
Rt 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

FARM EQUIPMENT

1978 Ford 7700 tractor w/550 hrs, has roll bar and canopy, ex cond 717-432-9775

For Sale - Nuffield tractor, 60 hp WFE, 3 pt PTO, diesel, good condition, with 3 pt 5' mower $3000 Lancaster County 717-426-1405

John Deere 6 row rear mount cultivator 30" rows, used less than 100 acres Call 215 948-9762

WANTED - AC PTO HAY RAKE ON TIRES WORKING OR FOR PARTS ALSO SHAWNEE BACKHOE 215-562-7318 8 00 A M or after 6 00 P M Berks County

For Sale - JD 7000 no till, fertilizer, insecticide, and ind markers, dual rate monitor, $10,500 Financing can be arranged 717-532-9501

For Sale - D21 Allis Chalmers series 2, fully equipped, low hours Phone evenings 717-568-7271

For Sale - Ford 850 single axle tractor, gas engine, $950 Fruehauf tank trailer, 5 compartments 35 gal total capacity $600 Both fair condition, all new rubber Call Mond - Fri 8 A M - 5 P M 215-696-0376

JD combine, 6600 diesel, air conditioning, 1975 model, rotary screen, 4 row narrow corn head, 15' flex head cutterbar, good condition, $19,500 301-658-4381 between 6 and 7 A.M After 9 P M. 301-378-4541

M2 Gleaner combine, corn soybean special, 15' head w/robot control, 4 row corn head, 987 hrs. Call after 6 00 301-755-6978

Wanted - Used Potato planter and digger Call giving location, price and condition to 814-263-7270 between 9 00 A M and 5 00 P M

Baler, International-Harvester #37 with thrower, excellent condition $1800, Cunningham hay crimper $200. A-1 condition, MC rotary scythe, 6 foot $450 609-466-0828

JD 1209 mower conditioner JD 1240 plateless planter IH 56 planter JD 2-14 plow 717-436-2235

MF 450 round baler, $3,000 or best offer. MF 300 combine w/11' grain head and 2 row corn head, newly painted, $5,000 or best offer 215-369-1211

AC motor w/hyd cyl, 2 cyl Wisconsin overhauled, steel wheels for 336 JD baler, Zook 2 row horse cultivator, NI crimper, pony cart 717-768-8359

New 3 pt hitch 200 gal sprayer $950
900 Ford Tractor, Power Steering $1700
Farmall M Tractor $1200
New NI 244 Spreader $7000
NI 54' Elevator $1000
WENTZ FARM SUPPLY
Palm, Pa.
215-679-7164

New 16' livestock trailer $1,895 New baler throw belts, sheep shears 717-776-7724

Cannon corn sheller. 215-932-3130

#77 NH baler w/wide air cooled 4 cyl gas motor, will sell baler or motor or both - 717-428-1408, Near York, PA

JD 200 gal weed sprayer w/fiberglass tank JD 24T baler w/kicker, JD 60 tractor All in good condition 215-679-9010 Montgomery Co

AC 2 row no till corn planter, liquid, $800 717 872-5136

JD 420, JD 2039, JD 2020, JD 435, Oliver 1855, Ford 3000, Ford 5000, MF 265, Farmall Super C, Int 990 haybine, NH 479 haybine, NH 68 baler & thrower, NH 268 baler & thrower, NH 890 harvester w/2RN & pickup NH 718 harvester w/1R & pickup, Int 350 harvester w/1R & pickup, NH 880 2R narrow head, NH 880 pickup 215-267-3281

FARM EQUIPMENT

Myers chuck wagon, 3 beater, Gehl chuck wagon, 2 beater, Wetmore blower, AC field chopper, 2 heads, JD 16A field chopper, Chrysler industrial engine 215-749-2101

New Farmall 986 with air conditioned cab loaded, priced to sell Bender Implement, Somerset, PA 814-443-4611 evenings 814-445-4265 814-445-7309

Hesston haybine PT 12, clean, asking $1500 Kutztown, PA R#1 215-683-3094, No Sunday Calls

For Sale - Ford 5-18" automatic reset on land hitch plow $1500 717-656-2321 Lancaster Co

For Sale - Liquid manure equipment-new and demonstration De Laval/Sahlstrom pumps Call, Penn-Jersey HARVESTORE Systems (717) 354-4051

7' Brillion mower $1000
DENNIS M MILLER
EQUIPMENT
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

Gleaner GKS combine, diesel, hydro, air, two heads make offer 215-679-6845

NH 479 haybine, good condition, 275 gal fuel tank on skid w/pump 215-286-9343

Want to trade PTO shaft for John Deere 24T baler motor For Sale - Oliver 520 motor mounted baler Jacob C. Swarey, RD #1, Box 365, Belleville, Pa 17004

For Sale - Wisconsin VG4D power unit with clutch and electric start and fuel tank overhauled 90 day warranty $1300 Used VE4D electric start engine $300 Used Chain Saws, and Brush cutters, good selection to choose from 10KW Onan generator set powered by water cooled gas engine, single phase, 110 or 240 volt, $1200 Wes Stauffer, Ephrata, PA 717-738-4215

Wanted - 13' or 14' solid wheel packer Monmouth County. 609-259-7492

For Sale - IH #53 4 row cultivator, 3 pt, IH fast hitch 2 row cultivator, IH 2 row cultivator for Farmall Super C; Ford 3 pt. 2 row cultivator, IH fast hitch mower, JD #8 mower, NH #271 baler w/thrower, 8x8x16 bale wagon, all new, Grove forage wagon 215-562-4464

IH #56 corn planter, w/DD openers, and insecticides, 4 row, excellent condition $1,100 215-367-6160

1800 Oliver diesel, A-1 condition, 80 HP, wide front 717-433-4331 or 433-4363

JD 4010 diesel, w/4020 kit, wide front, 18-4x38 tires brand new 717-532-7054

3 pt JD corn planter, good condition. 717-768-8393

FOR SALE
8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500
215-286-9510

AC 7045 Tractor
AC 7000 Tractor
AC 5040 Tractor
AC 185 Tractor
AC 175 Dsl Tractor
AC 170 Gas Tractor
Amco F17 10½' Disc Harrow, like new
NI 213 Manure Spreader

ROY H. BUCH INC.
Ephrata
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(Combines, Tractors and Equipment on our Lot.

(Combines) Used JD 8820 fully eq. w/4 whl drive and dual wheels used 1½ seasons like new w/flex grain, New JD 4420 fully equipt. w/213 grain & 443 C H. 1977 JD 4400D fully equipped like new INT 1440 axiel flow w/4 wheel drive, used 480 hrs., White 8900 used 400 hrs. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner K C.A. w/grain, real nice, JD 6600 Side Hill turbo, hydro, floating cutter bar, real nice, 1979 MF 550D, excel w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head MF 510D Hydrostatic w/mud hog rear wheel drive w/Quick tach grain and 44 Lo Profile corn head. 1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head, JD 6600 D w/air & 13 Ft. grain. JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain and 844 C.H., Int. 810-15 ft. floating cutter bar.

1977 Int. 915 w/rear wheel drive, grain and 863 C.H.; Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. MF 550 D w/13 ft. grain, 1972 Gleaner F w/grain & corn.

N.I. 702 D w/husking bed and 3 row C.H., NI 702 w/729 A sheller.

TRACTORS & EQUIP Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs excl., M.F. 165 Tri D. N.H 1010 Bale Stack Wagon, Corn Heads. Gleaner FL430, A430 for F or F2, MF 421.

New John Deeres 4240 (SOLD) w/Roll Guard & Q.R.; New 4040 w/Power Shift and R.G for $23,950, New JD 4240 cab & air Q.R. for $30,000, Farmall 560D Farmall 1256 w/cab & air, 2 New Haybines, New Gehl 1090 9' (SOLD) for $4450, New NI 299 for $4250, (7) real nice balers, Int. 445 baler w/thrower like new NH 320 w/thrower, used 1 season. NH 273 w/thrower, real nice, NH 268 w/thrower JD 346 wire w/thrower; JD 24T w/#30 kicker, J.D. 336 Baler real nice, New Gehl 1600 round baler, Hawk Built round baler.

Corn Heads JD 643, 444, 435N, 313 for 45C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner L438, F430, F438, A430, K238, F335, F330, K330, Int. 863, 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 744 for 715, Int. 6 row, 30" for 503, NH 4 row 38" C H. New JD 444, $7350. Just Rec - New JD 643, used White 704N, 706N C H used JD 444 for $3500

Tractors just dealt for on our lot. New Int 5088 fully eq new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 1066 w/cab & air, very nice, INT 574 (SOLD) diesel, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, 706D W.F. and 3 pt. 766D w/38" tires and 3 pt., new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2640, 2630, 1966-4020, 1966-3020, 3020D WF and Diff lock. We have 6 JD 4020 side console diesels. MF 175D w/Loader, MF 3165 w/Loader, JD 2440 w/R.G. 2840 for $12,000, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged

TRACTORS 1977 JD 4230 cab, air, quad, real nice JD 5020 original w/dual wheels; 1970 JD 4020 w/cab, 4020 WF power shift w/new tires, JD 3020 D, WF, JD 300 loader and backhoe, JD 6030 C A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4320. Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; NEW New Idea 325 w/12 roll bed, Used (4) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. NI 323 one row, Int. 234 w/12 roll bed. JD 3800 2 row chopper

J D 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, J.D. 4010 gas. JD 4020 gas $4900. JD 4430 w/-sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab, 1970 JD 4020 Power Shift & Dual Hyd.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 706 Gas, 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, 560, Farmall Hi Crop- 656 diesel, 756, Cub Loboy w/mower,

HARVESTERS. New Int. 720 w/2 row, JD 38 w/2 row pickup N.H. 770 w/2 row, Used Int. 720 - 2 row, J D. 38 Chopper w/2 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Fox 2 row snapper head. Grove Forage Wagon w/roof, NH 770 1 row snapper C.H. NH Super 717, Gehl 600 w/2" 30" & pickup head.

ALLIS CHALMERS 185 w/R.G. w/600 hrs., 7080 w/cab & duals $18,800, 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch, New A.C. 185 D w/R.G. for $13,500.

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4640 C.A P. Shift, new JD 2940, New JD 4240 QR & 4 Post, New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C A. QR sharp 4030, 5020 tractor puller, 4010D w/WF, 730D w/fenders and 3 pt. JD 2020 w/loader, JD 3020 P.S. Gas JD 4030 w/R.G. and Quad. JD 60 w/P.S and JD 60 w/2 row cult., JD 630 w/3 pt., JD. A.

FARMALLS: 1586 w/cab, w/800 hrs., fully equip. w/dual wheels and dual PTO real nice, used 1086 w/cab, air, 1 owner-looks like new; used 1086 w/Rops, 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 1206 w/fenders, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 756 WF 3 pt original, 656 Hydro D. WF 3 pt. original, M, 400 w/P S. & F.H., Super M, Int. 574, Super H.

New White 2-105 w/cab $22,850. Oliver 1755 w/cab and air. 2255 w/V-8 cat.

MASSEY FERGUSON - Used 2775 w/duals like new, used 1080 w/duals, 1130, Super 90D for $3400.00. Ferg. 30.

(Case) New 2090 Cab & Air, power shift $23,950; 1975 Case 970 w/4 post, P.S., 1070 P.S. original for $7450 Case 1410D.

Case 1370 - P.S., Oliver 1850 D. w/over & under shift 1950T w/cab, 2050, 1855 w/20:8 tires, 1850 w/cab, Ford 8600 w/Dual Power used 1800 hrs., Ford 6600 w/cab, like new, 6000 Commander, D Ford 5000 D w/Loader, MM S670 diesel.

Tractors and Equip. just dealt, 1970 JD 4020 side console w/dual hydraulic (local owner) JD 2510 gas w/48 loader, JD 4520 w/cab, Int. 674D w/loader like new. Oliver 1650 D w/over and under shaft; Case 500 standard diesel original, Long 350D w/mtd. broom; Int. 460 utility w/loader, 1972 JD 3020 side console diesel, 1972 JD 4020 w/factory cab original, JD 700 gr. mixer, Woods 4 row stalk shredder.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. N I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads Used JD 13 to 15 ft. grain heads, JD 216 flex heads

IND EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 955 crawler loader for $5500.00, Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 720, 700 Ford CL40 Skid Loader.

CORN PLANTERS - Used Int. 800 Early Riser 8 row 30" w/dry fert., inst. no-til, population monitor, fully eq., like new, used JD 7100-12 row no til hydraulic fold soybean special used less than 300 acres, New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for 6850, Bearcat 950 Grinder Mixer used twice, like new Int 1250 Gr. Mixer w/elect scales-nice, N.I. 325 picker w/sheller.

New Case 22 ft. hyd. fold field cult Used Case 13 ft. Disc w/new blades and dual wheels. (used haybines) NH (SOLD) 489, NI 279 9', NI 272, 7' cut/di-tioner, (SOLD) M & 7' MC rotary scythe, NH 479, 469, 477 7 ft. Int. 990 7 ft. JD 1209 $4850; New Gehl 1600 round baler list price $10,555.00 Our Price $7950. NH 256 hay rakes, used Oliver 5 bar rakes.

New Caldwell 8 ft. heavy 3 pt. blades. Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult, used Glenco SS9 soil saver.

Glenco 12 ft. 9" Soil Finisher like new.

Planters Used JD 1240 plateless w/Inst. and XX Disk openers, Used JD 7000 -4 row wide and insect. Oliver Planter 6 row w/no til fert. fill, inst. and monitor, Int #564 row planter, (Grain Dills), used JD 8350 23x7 w/XX disk, JD 8300 21x7 XX (SOLD) Disk; NH pick-up heads for 770, 717, (2 offset Disks) Wilbert 12' offset like new. JD 1630 11 ft. plowing disk, JD Disks #210. Int. #480-22 ft. Wing Disk, N.I. 214 spreaders good; Badger 1500 gal. liquid tank spreader.

PLOWS - Int. 6X spring reset, Ford 5x18 spring reset. Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd reset, Int #140 - 4x18 rollover plow, new Brillion 25 ft. hydraulic fold cultimulchers at good discounts, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, new Int. #80 snow blower; New Johnson loader.

Used JD 400 15 ft. rotary hoes, New White. 14 ft. field cult., Kawanee 22 ft. Wing Disk, NH 26 blower, used long 1199A 3 pt. backhoe, like new.

Loaders - used JD (SOLD) 148, JD 58 MF loader for 1105 Int. 2000 Loader, Int. Fast hitch 3 pt adapters, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) JD 7700D, Int. 715D, MF 510.

TRUCKS - 1979 Chev C65 24 ft. rollback w/51,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head (10) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

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home 215-562-7451

FARM EQUIPMENT

June is dairy month

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MF 285
MF 165
MF 1130 SOLD als
MF 150
MF 1105 w/cab & air
White 543 corn planter, 4 row narrow
Case 1370
JD 4020

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717-859-2712

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$21,750

New White 5100 Planters

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Ford 537 7'
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NH 479
$3295
JD 1209
$3295

NH 1010 Bale Wagon
$4750

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

FARM EQUIPMENT

JD 4040 & JD 660 manure spreader, JD 110 disk, 479 haybine, JD 24T baler, NI hay rake
717-665-7953

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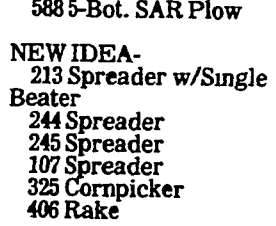

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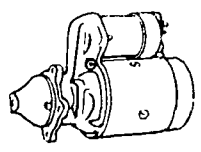

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MF 135 G Live PTO
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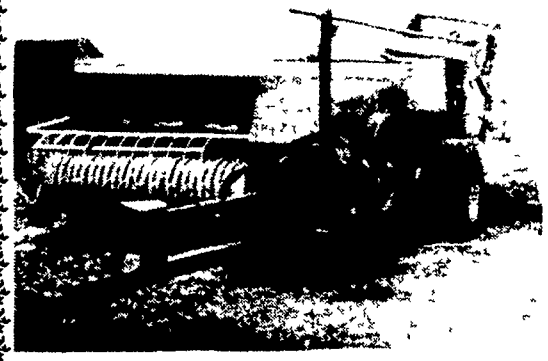

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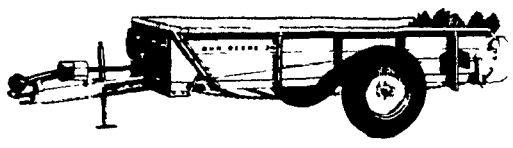

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JD 1240 - 4 R Plate Type Dry Fert Insect	1550	1400
AC 600 6R no till w/Dry Fert Insect Monitor	3950	3650
JD 494A 4 R w/Dry Fert Insect	1450	1150
AC Model 500 4 R Fert Att	550	495

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

TRIPLE-R FARM EQUIPMENT

JD 70 wf & PS
JD 830 2 cyl diesel, pony start
Amco 20' wing disk
IH rear weights
JD 70 diesel head
1 pair used 18 4x38 super torque
Rear tires w/tubes
No Reasonable Offers Refused
717-786-2534

JOHN DEERE

USED TRACTORS
JD 620 Tricycle
JD 50 With Cult.
JD "A", Wide Front
JD "A" w/45 Loader
IHC MD Tricycle
Ford 9N Tractor

DISKS
Pittsburg 12 Ft
Pittsburg 18 Ft Wing
JD BWF 13 Ft 10 In
NH TD200, Demo

DRILLS
JD 13x7 w/Fert & gsa
JD 17x7 w/Fert. & gsa

USED CORN PLANTER
JD 494 "A" Planter w/Insect. Attach

HAYBINES, BALERS & RAKES
NH 461 & 469 Haybines
(2) NH 283 PTO Balers, 16x8 Bales
NH 269 w/Thrower
NH 275 w/Thrower
JD 346 Wire w/Thrower
NH 258 Rake

COMBINES
JD 4400 Gas Combine w/Table & Choice of Heads

MISCELLANEOUS
NH 346 Flail Spreader
NH Bale Carrier w/Chassis & Motor
Circular Buck Saw w/Pulley
Lilliston 7-Six Rotary Cutter

SPERRY NEW HOLLAND

KERMIT K. KISTLER, INC.
Rt 143, Lynnport, PA 18066
PH 215-298 2011

BRILLION WING PULVERIZER
MODEL WMCC2602
"Must sacrifice to move - $7500.00"
Delivered free of charge - Demo'd once - otherwise new machine
Working width 21'8" - Transport width 13'10"
For more information call 315-386-8450 and ask for Vernon Weston at Hundley Farm Implements, Canton, New York

The Time Is Right
The Price Is Right!!

Used Equipment Special...

USED MODEL CL 40 FORD SKID LOADER
Ford 40 HP Industrial Water Cooled Motor, All Standard Equipment, 60" 12½ Cu. Ft. Utility Bucket With Teeth, Sold New June 1980, A-1 Condition...

WAS ~~$7900~~ NOW **$6900**

UNDER NEW MANAGEMENT...

Ford Tractors Equipment

Call Ray or Ed
(301) 734-7722
or
(301) 879-1434

Sales & Service On
• Ford • New Idea • New Holland •

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland

New Equipment Specials For the Month of May

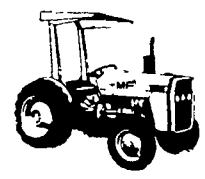
IH 84 hydro tractor $13,200
IH 720 5 furrow 18" plow, automatic reset $6,800
F.O.B. McAlisterville
No Trades

NEW EQUIPMENT

IH 684
IH 584
#10 flail chopper $3700

USED EQUIPMENT
IH 544 gas hydro, new engine $5200
Ferguson tractor, $1800
Farmall 460 gas, $3500
Oliver 1750 tractor
AC gleaner combine model CII 14' grain & 4 row corn head $7000
IH 205 combine $6500
Oliver combine $700
IH 311 fast hitch plow $350
Oliver 3 furrow plow
IH 76 combine $500
IH 455 4 row corn planter $2500
IH 3 pt. hitch corn planter $500
NH 469 haybine $2400
IH 400 Cyclo planters, 6 row, no-till $ SOLD
IH 400 Cyclo planters, 6 row $3500
IH 400 Cyclo planter, 4 row, no-till $4200
IH 234 corn picker
72" Woods under mount mower $500
2- IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
Kelly loader $400
2 IH 550 forage harvester hay & corn head $1500

DOMBACH EQUIPMENT
McAlisterville, Pa. 717-463-2191



MF Massey Ferguson

TRACTORS & EQUIPMENT

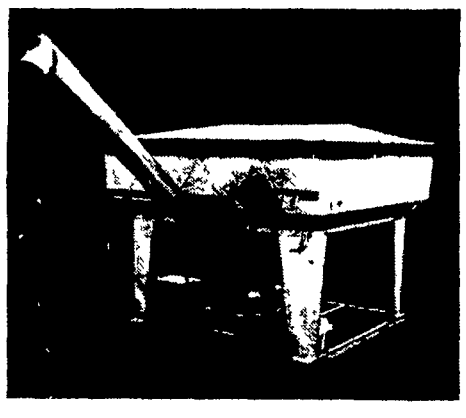
IHC Super C Farmall Tractor
IHC 340 Farmall Tractor
JD 950 Tractor
AC D17 Dsl Tractor
Ford 8N Tractor w/Loader
MF 285 Tractor
MF 50A Tractor, Loader, Backhoe
MF 3165 Tractor w/Loader & Cab
MF 50 Tractor w/Loader
MF 40 Dsl Tractor and Loader
Loader for 65 or 165 Tractor
Gehl 120 Grinder Mixer
NH 467 Haybine
NH 478 Haybine
NH 892 Fg Harvester
Fox 1000 Forage Harvester
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
MH 35 Combine
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow
IHC 990 Mower Cond
NH 451 Mower

NEW M.F. EQUIPMENT

MF 230 Tractor
MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 205 Diesel Tractor
MF 50C w/Loader
MF 50C w/Loader
MF 40B w/Cab
MF 40B w/Cab
MF 30B w/Cab
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 300A Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter
MF 124 Baler w/Thrower
MF 218 3 pt Rotary Cutter

S.G. LEWIS & SON, INC.
R D 2 Box 66 West Grove, PA
215-869 2214

WILLMAR'S FAMOUS NAME ON A TENDER!!



NEW 8 H.P. Mechanical Slip Clutch Drive on a total Stainless Steel Self Contained Unit. The mechanical drive unit will save you $1000 + over the Hydraulic Drive unit.

Complete line of Stoltzfus & Willmar tractor drawn & truck spreaders. We stock parts.

C.U. Stoltzfus Mfg., Inc.
Morgantown, Pa. 19543
215-286-5146

Stock Discount

USED BELTING MATERIAL
Good for free stall and stanchion barns
30", 36", 42", 48", 54", 60" wide
Size 4x6 under $30
Special Sale Prices Now!
Phone: 301-885-5045

EQUIPMENT FOR SALE

J D. No. 2280 Diesel S P. Windrower w/Cab & Air Conditioning, 34 hrs.
J D. No 755 Crawler Loader, 961 hrs
I H No 4130 Self-Propelled Skid Steer Loader, 494 hrs.
I H No. 886 Tractor Roll-Guard, 825 hrs
I H No. 2350 Mount-O-Matic Front End Loader, like new
I H No. 70 Hydro w/Fast Hitch, 1758 hrs
J.D. No 440 Offset Disk - 12 ft
J D. 50 ft. Bale Elevator P T O
Zimmerman Bale Elevator w/Electric Motor, 28 ft.
JD 8440 4 Wheel Drive Tractor w/Duals & 350 hrs.
J D. New No. 1610 Chisel Plow - 23 ft. folding wing.
J.D. No 716 Forage Wagon.
J.D. No 714 Forage Wagon.
Badger 16 Ft. Forage Wagon.
I.H. 6 Row Air Corn Planter w/Fertilizer Auger
New Easy Trail 10-Ton Wagon w/550 Bushel Gravity Box.
I.H. 8-Ton Wagons w/230 &330 Bushel Gravity Box.
J.D. 3 Pt. Hitch Fertilizer Spreader
J.D. Moisture Tester.
Cardinal 16 Ft. Aluminum Elevator w/Carrage
4 Johnson 2250 Gal. Liquid N. Tanks w/Valves
New Ritchie Water Fountains - All sizes.
Used Pride of Farm Water Fountains w/heaters
Cement Water Troughs
300 Gallon Skid Tank w/Valve.
New Palco Cattle Scale 3,000 lb. Capacity.
DMC Hi-Capacity Grain Cleaner No 40.
Red Arrow 30 ton hydraulic Shop Press.

NEW TIRES IN STOCK - BF GOODRICH

	List Price	Sale
New Wagon Tires		
12 - 11 Lx15 8 ply	$98.40	$44.00
11 - 1000x15 8 ply	$102.20	$60.00
12 - 1000x15 12 ply	$123.60	$75.00

REAL ESTATE
1 Brick Garage Bldg. in Pillow on Main Street. 135'x45' wide w/upstairs apartment.
123 Acre farm land in Washington Twp Northumberland County Near Rebuck, Pa.

MISCELLANEOUS

	Reg.	Sale
50 Bags Instant Dry for Shop	$7 95	4 95
John Deere Oil		
10W-20 Drums	$288 00	$207 00
#30 Oil	$285 00	$205 00
Fencing		
26"Red Top Woven	$89.00	$59.00
4 pt Barbed Wire	$36 95	$30.95
2x4 Wire 4 ft. & 5 ft	$70.00	$50 00
Smooth wire by the 100 ft. roll	$70 00	$40 00
Locust Posts	$3 00	$2.50
Heavy Duty Steel Fence Posts	$4 00	$2 99
Farm Gates All Sizes	Reg.	Sale
No. 50 Bag Dried Molasses 45% Sugar	$6 95	$5.75
No. 50 Bag Aureo Crumbles, 700	$24.95	$17.95
No. 50 Bag Aureo Crumbles, 2 gram	$14 99	$12.40
No 50 Bag Tramisol Cattle Wormer Pellets	$19.90	$16.70
No. 80 Plain Salt	$5.40	$4.40
No 80 Bag T.M. Salt	$5 95	$4 95
No 50 Blocks Plain Salt	$3 65	$3 15
No. 50 Blocks T.M. Salt	$4 35	$3.85
No. 50 Bags Thomasville Barn Grip (Ton)	$32.00	$30 00

• Wanted To Buy: • Corn
• Wheat • Oats • Barley
Phone 692-3867 or 692-2897

Residence Store

FOR SALE: • Hi-Moisture Corn • Corn Silage • Corn Fodder • Bedding • Soybean Meal By The Ton Or By The Trailer Load, Delivered • Liquid Nitrogen By The Ton Or By The Trailer Load Delivered • Certified Seed Oats • Certified Alfalfa Seed • Clover Seed • Timothy Seed • Fertilizer • Urea • Farm Chemicals • Baler Twine

STROHECKER FARMS, INC.
R.D. 2, Box 52
Millersburg, PA 17061

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
¼ Mile East of Exit 6 I-81

LONG

New 610 DT $10,604
New Long traveling irrigation unit 1553
New Long 510 $7078
2 Long 560 one w/cab
New Lor SOLD $6653
New Long 310 $5483
IH 1066 w/cab
IH 656 Hydro
IH 784 w SOLD
Farmall M w/PS
2 JD 4020 one w/cab
1 JD 3130 w/cab
2 JD 3120
JD 3020
2 JD 2130 1 w/cab
1 JD 2120
JD 2030 w/cab
JD 2020
Ford 860
Jaegar irrigation pump w/engine
MF 175
Ford TW 10 w/canopy
Ford 8600 w/dual power
1 Ford 6600 w/dual power
New Ford 6600 $14,900
New Ford 6610 $15 900
Ford 5600
3 Ford 5000, one w/dual power
Ford 4500 backhoe
Ford 4000 w/loader
2 Ford 3000
Super Dexta
Ford 841
Ford 772 A loader
Roadless 95 4 wh drive 90 HP

LONG SPRING CLEANUP SALE

Long 260 C 24 HP $4,424
Long 460 41 8 HP $6,653
Long 310 28 HP $5,094
Long 510 48 HP $7,078
Long 360 35 HP $6,345
Long 610 64 HP $8,614

PRICES GOOD UNTIL MAY 31, 1982

White model 8800 self-propelled combine 1030 original hours, 6 row 30" head, 15' grain header, GM diesel engine, good condition, will finance
$25,000
215-458-8518 evenings

USED FARM EQUIPMENT

JD 4430 w/new tires & paint
JD L w/plow & cultivators
JD 630
JD 1450 5x16 semi-mtd.-plow
AC 600 4 row No-till planter
White 5400 - grow no-till planter
MM 10 ft. transport disc harrow
JD no. 50 side mtd. mower
JD Model R spreader
MF 110 spreader
JD 8250 grain drill like new
JD 444 4 row cornhead
JD 6600 side-hill combine w/13 ft. platform & grow cornhead
Neco grain saver for 3300-4400-6600-7700

NEW FARM EQUIPMENT SPECIALS

JD 1209 Mower Conditioner . . $6495.00
JD 534 Bulldozer blade $2395.00
Brillion 16 ft. Spring Tooth Harrow $1875.00
Bush Hog 6 ft. Scraper Blade . . . $295.00
Bush Hog 7 ft. Scraper Blade . . . $495.00

PACE **NEUHAUS'ES INC.**
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

USED PLANTERS

White 8 row planter, liquid fertilizer 1 year old excellent condition $6,500
4 row wide AC conservation planter, 1980 model, excellent condition $5,000
JD 1440 4 row planter w/fertilizer and insecticide $1,500
JD 1240 4 row w/new fertilizer and new insecticide $1,800
JD 494 $400
Oliver White 4 row corn planter $500

OXFORD GREENLINE, INC.

RD 1, Oxford, PA

PACE **215-932-2753**
215-932-2754

Hours
7:30 A.M. - 5:00 P.M. thru Fri
7:30 A.M. - 12:00 P.M. Sat.

John Deere design, dependability and dealers make the difference

JOHN DEERE

SPERRY NEW HOLLAND

USED EQUIPMENT

NH 488 Haybine
Hesston PT10 Haybine
NH 315 Baler
Loader for AC 160
JD Disc TO 215 Spring Cushion 12'10", new cond
NH #56 Rake
N I #323 1R Corn Picker
Gehl 95 Grinder-Mixer
Bearcat Grinder-Mixer
NH SP 818 Fg Harvester
Used Century sprayers

USED TRACTORS

AC D17
AC 190 Gas Tractor
Ford 9N
MF 1085
Used Lawn & Garden Tractors w/mowers

NEW LANDOLL CHISEL PLOW
7 Tooth $5100

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland Spreaders

NEW EQUIPMENT

Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211
or
Bob Gantz Sales
717-653-5020

SPECIAL OF THE WEEK

USED 10 TON TANDEM BADGER RUNNING GEAR
SALE $750.00
Lists for $2250.00

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd Lancaster Pa
Ph 717-299-2536

M & R EQUIPMENT, INC.

NEW PARK, PA

UPS United Parcel Service

Ph 717-993-2511 - 717-246-1972
(After 6 P M Call 301-452-8693)

PACE

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

GREAT NEW SALES PROGRAMS HAVE JUST BEEN ANNOUNCED

INTERNATIONAL HARVESTER
12.9% FINANCING ON ALL NEW TRACTORS, COMBINES AND TILLAGE! OR CASH REBATES
WAIVER OF FINANCE ALSO AVAILABLE ON ALL IH EQUIPMENT!

NEW HOLLAND
FREE FINANCE ON HAY AND FORAGE UNTIL 10-1-82!
F.F. ON GRINDER MIXERS, SPREADERS AND SKID LOADERS - UNTIL 9-1-82!
OR 5% CASH BACK!

NEW EQUIPMENT IN STOCK

IH		NEW HOLLAND	
1420 combine	5100 drill 16x7 plain	311 baler	892 chopper
1440 combine	2250 loaders	315 baler	#8 crop carrier
5088 tractor	810 header	#70 & 75 throwers	OD 100 offset disc-12'
800 planters	820 header	489 haybines	451 mower
435 baler	944 corn head	851 round balers	513 spreader
550 spreader	13' 5500 chisels	425 skid loader	519 spreader
IH 730 plow vary width 4 btm		L-35 skid loader	363 spreader
720 plow 5x20" auto reset $6400		718 chopper	474 haybine
800 4-row planters air or plate		781 chopper	

SALE RENTAL **NEW HOLLAND L-35 LOADER wBUCKET**
$9900 A real deal!

WE HAVE CUSTOM BUILT HAY WAGONS
Call For Price You Will Be Surprised
8 Ton Gear For $695 (No Tires)

SPECIAL - IH 720 PLOW
5x20" AUTOMATIC RESET (NEW)

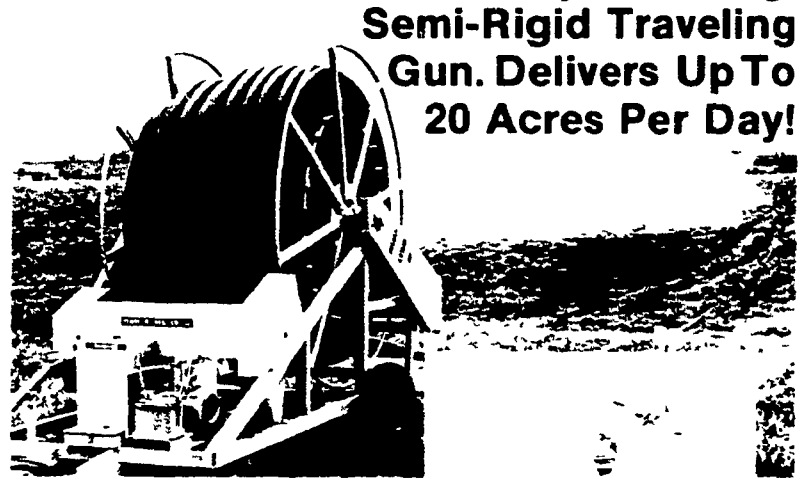
6400
900 Less Rebate
$5500!!

USED EQUIPMENT

John Blue - truck mtd dry fertilizer spreader Excellent Cond. 8 ton
IH 303 Combine, both heads, cab, very good shape
JD 55 combine, cab, both heads
"H" tractor parting out
IH 2400 Ind. tractor diesel, 6-way hyd blade
Farmall Super C
IH 560 Diesel
NH 273 baler, like new
JD 2510 gas tractor overhauled
Hesston 9 Haybine, pt 10
IH B414 Diesel, 3 pt
NH 1002 bale wagon
IH 1150 grinder mixer
IH 440 baler w/thrower, nice, hyd bale tension
IH 449 4R planter - nice
MF 4R planter - 500 acres $1500
JD FBB grain drill - 13x7 - nice
Moline 15x7 drill - very good
IH 550 plow 5x16
IH 51 forage box w/roof, heavy gear
5' 3 pt rotary mower
NH 27 blower - rebu SOLD
IH #70 pull type plow 3x16", nice
New Idea 203 Flail Spreader
"MANY RECONDITIONED USED CADETS"

SR-1200

New, Easy-Handling, Semi-Rigid Traveling Gun. Delivers Up To 20 Acres Per Day!



- Big capacity. Up to 20 acres per day with the economy and efficiency of a traveling gun
- Irrigates up to 9 acres per setting 1200 ft reel capacity
- Easy to set up Just set the winch at one end and pull the trailer to the opposite end
- Easy to operate No hose loop to damage crops The hose acts as your winch line

Vermeer

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-2640 or 717-548-2094

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Let Us Know
Your Service Problems
HOOVER DIESEL SERVICE
PH 717-656-6133
2998 West Newport Rd
Ronks, PA 17572

New - All Oak Bale Wagon Racks 16'L, 8'W, 7'H, $440
20' Green chop feedi[SOLD], $440
16' oak wagon beds, $170
16' tongue & groove wagon beds, $180
6 ton wagon gears, used tires, $435
8 ton wagon gear, 8"rims, used tires, $495

While Supplies Last
Ivan Z. Hoover
RD2, Ephrata, PA
717-733-6825

NEW HOLLAND

USED EQUIPMENT

JOHN DEERE

1-Tye Grain Drill, Donahue Trailer, Model 60, 20 Disc 8" Double Disc Openers, extra discs and weights, done approx. 300 acres $10,500
1-NH Bale Wagon, Model 1010 ..... $2,800
1-NH Bale Wagon, Model 1032 ..... $6,800
1-NH 1469 Haybine $4,200
1-Case 12' Disc $3,500
1-JD 7700 Combine, 6R head, 15' Platform. $50,000
1-JD 6600 Side Hill Combine, 6R Head, 15' Platform, ... Exc. Cond.
3-Badger Forage Wagons ..... each $2,500

M.S. YEARSLEY & SONS, INC.
110-120 E. Market Street
West Chester, Pa. 19380
215-696-2990

inventory REDUCTION sale..

We need to clear our showroom. . . and we're offering you great deals to do it!
All Ford tractors at remarkable savings!!

Ford
Model #1300
2 Cyl. Diesel
2-wheel drive with 12x4 trans.
8.3x34 rear tires.
$4,255
List $5,660

Ford
Model #1500
2 Cyl. Diesel
2-wheel drive with 12x4 trans. and 9.5x24 rear tires.
$4,634
List $6,165

Ford
Used
8N TRACTOR
Completely over-hauled with 90 day 50-50 guarantee
$2,695

Ford
Model #2600
3 Cyl. Gas
Dif. lock, power steering, pan seat, swinging drawbar, 12.4x28 rear tires, 8 spd. trans.& Live PTO
$8,458
List $11,277

Ford
Model #2600
3 Cyl. Gas
Manual steering, pan seat, swinging drawbar, 12.4x28 tires
$7,922
List $10,563

Ford
Model #545
3 Cyl. Diesel
Industrial Tractor, 540 RPM PTO, manual reversing 6x4 trans., No 3-point lift. 745 3500 lb. loader, ¾ Ycl. 81" wide bucket
$16,212
List $21,372

NEW TRACTORS FULLY WARRANTIED

TUNIS BROTHERS CO.
Agricultural Equipment
Cypress & Washington Sts., Kennett Square
215-444-5480

TRACTORS

Ford 901 PS/3 pt new tires
IH 300
JD 70 Gas
(1) JD Late A
(1) Farmall H $750, $850
Int 574D row crop, 2400 hrs, $5,500
IH 240 w/fast hitch equipment, 2 btm plow, disc, mower, cultivator, platform, 3 pt adapter, $2500

COMBINES

IH 205 2 heads
Gleaner C2 two heads
Gleaner C2 one head
MF 300 $2000
MF 300 w/cab $2500.-
MF Super 27 Clean $850
MF 410 grain head, nice $950
AC 66 pull
IH 203 10', PS $2100
JD 30 auger feed, pull

COMBINE CABS

JD 105 w/air, will fit others
IH 403, late model, fits 15 series
IH 403, will fit 203, 91, 205, 315
MF 410, 300, 510

HAYBINES

IH 1290, 12' head
NH 460 $500
Hesston 12' hydro swing $1650
NI real nice
Late JD 1209, clean
IH 990 9'
Hesston PT 10, 9'

MISCELLANEOUS

NH 67 baler
2 JD 5 bottom 14" drag plows
2 Oliver 4 bottom, 14" & 16"
2 unloading wagons $450 & $750
Ford hydraulic loader & hydraulic bucket w/front pump
2 IH 56 blowers
Case rotabar rake
JD 14' wheel disc
JD 14T baler
NI 323 picker
3 pt Oliver planter
Grass Mowers on hand
NI #7 picker, A-1
IH 440 baler w/thrower, real sharp
JD 494 4 row planter
IH rotabar rake

DISMANTLING TRACTORS FOR PARTS
JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H & M JD A, B, 50 & 60 AC WD, Oliver 70 & 77 Ford 8N & 860 Case SC & V A C Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler
Dismantling 100 combines and 50 pickers for parts

KEITER'S FARM MACHINERY
R.D #1 Halifax, PA 17032 Rt 225 20 mi from Hbg.
Phone 717-362-9574

STRALEY FARM SUPPLY
1760 E Canal Road
Dover, Pa 17315
Farm - Industrial Equipment
717-292-2631 717-292-4443
Ford Tractors Equipment

TRACTORS

New Ford 1200, 4 wh. dr., diesel, ag tires	$5,900
New Ford 1500, 4 wh. dr., diesel, plus rebate	$7,137
New Ford 1900, 4 wh. dr., diesel, plus rebate	$9,332
2600 Ford, cab, front broom	$12,995
4600 SU Ford diesel plus rebate	$13,900
5600 Ford, 4 wh. dr., Blue Power Special	$21,000
5600 Ford w/canopy, 150 hrs.	$12,995
3000 Ford, new paint	$4,400
IHC Farmall C new paint	$1,395
IHC Farmall Cub w/hyd.	$1,795
IHC Farmall H, gas, good tires	$995
2000 Ford, PS, nice, 1228 hrs.	$5,900
5000 Ford diesel, new tires, new paint	$5,900
Ford 9N gas, new paint, front bumper	$1,695
David Brown 4600 select-o-matic diesel	$1,995

TRACTORS & LOADERS

445 Ford w/3500 lb. loader, new	
8N Ford over/under trans.	$2,395
4000 Ford w/loader	$9,500

TRACTORS, LOADERS, BACKHOE

555 Ford, demo, new backhoe	$28,000
4500 Ford, diesel, good shape	$6,995
JD TLB Serial # 3026-1-T-60, model 93 backhoe	$6,500

EQUIPMENT

Owatonna Swather model 260, cab & air self-propelled	$6,500
New Ford conditioner, model 538, 9' made by IHC	$6,900
New Ford haybine model 537	$4,950
Brady spreader model 141, 150 bu., special	$2,495
NH model 975, self-propelled combine	$2,995
New Ford corn planter, 6 row, no-till, tires, fert. attach. & seed control	

WENGER'S INC.
251 S Race St
Myerstown, PA 17067
Days 717-866-2135
Nights 717-866-7147
or 717-273-9089

CONSTRUCTION EQUIPMENT

FORKLIFTS
JD 2010 .. . $5000
Int 340 . . . . $4500
Yale 3000 Lb . $3500
Ford - 14' . $2900

BACKHOES
Long 3 pt Hoe-new . . $4500
Long 5 in 1 w/cab. $14,900
JD 310 . .. . $9500
3 Pt. Backhoe . $2400
IH Hoe Attach . $1800
IH 3800 4WD w/Cab $9500
McConnell 3 Pt. Hoe w/pump. $2650

SKID STEER LOADERS
Case 1740 Diesel $6800
Melroe 500 . . $2900
Case 1816 - 400 Hours $3500
JD 440 . Coming In

CONSTRUCTION DUMPS
(2) 1974 IH & Ford Diesels w/9' Bodies - Air Brakes . $12,900

TRAILERS
1969 Great Dane 35 ton detachable . $14,750
New 2X 4 Ton 1350
New 3x6 Ton. . $2000

MISC. CONSTRUCTION
(40) Used hoe buckets . . From $150
(25) Loader buckets . . . From $95
(8) Set forklift forks . . . . . From $300
(6) Winches . . . . . Call
Adams Grader . $2000

CRAWLER LOADERS
Cat 941 . . . $16,900
Cat 933 . . $8750
JD 350 . . . . $7500

TRUCK TRACTOR
1974 Ford Louisville Diesel $8650

Lima & Katolight ALTERNATORS CLEARANCE SALE
In Stock
Single & 3 phase

Two PTO, 120 & 230 volts, 15,000 watts $1,795 each
Two PTO, 120 & 230 volts, 25,000 watts $2,395 each
Two PTO, 120 & 230 volts, 35,000 watts, $2,895 each
One 2 bearing 120 & 230 volts, 5,000 watts $790
One 2 bearing 120 & 230 volts, 15,000 watts $1590
One 2 bearing 120 & 230 volts, 18,000 watts $1890

Byler's Diesel & Refrig. Shop
Star Rt. on Rt. 655
Belleville, PA 17004

Used Tractors:
John Deere 2630, 2020, 4520, 4430 w/cab, 4320, 4230, 4030, 4020, 2510, 3020, 3010
Allis Chalmers 210, 185 like new
Farmall 1086 4 wh. drive, 1466, 1066, 966, 806, 560, 460, 450, M, H
Ford 9600 cab & air, 7000, 4000, 2000, 9N
MF 175 diesel

Used Combines
JD 4400
MF 300 quick tach

Used Trucks:
1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear

Used Plows & Disks:
Used Keewanne 21' disk,
1450 John Deere 7 Bottom
New White 418 spring reset plow
Large selection of John Deere 5, 6, & 7 Bottom
Athens 21' Hyd. Fold disk
IH 470 18' Disk
Large selection of smaller John Deere disks
New Gehl, Fox & Badger Equip.
John Deere 7000 4 row planter
JD model 2500 6 btm. 18" auto. reset plow
NI 2 row narrow picker
Knight big augie 16, mixer feeder wagon w/electronic scales, used 4 seasons
Used Badger self-unloading wagon, 3 beaters, roof, 14' box
JD 1209 haybine
JD 336 baler
NH 273, 275, 276, 278 balers

Special - JD no-till drill, like new

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

LONG WENGER'S INC.

OVER 100 TRACTORS SOLD THIS YEAR

251 SOUTH RACE STREET
MYERSTOWN, PA 17067

DAYS: 717-866-2135
PHONE: NIGHTS: 717-866-7147
OR: 717-273-9089

TRACTORS

FARMALL TRACTORS

Cub w/Fast Hitch - Nice $2000
C - Nice $1650
1086 Cab - Air - Nice $15,900
1086 ROPS - Nice $14,700
1066 Cab - Black Stripe . . $10,900
856D WF - 3 Pt. $9250
100 Hydro w/Rops $8500
766 D $7950
Super M - Extra Nice $1950
(2) 560D Nice . . . . . $3500 - $3900
F20 w/Loader - 1 Owner. . . . $1000
Cub w/Cultivator $2000
154 Cub w/3 Pt. $2500

JOHN DEERE

4430 Cab - Air - Syncro . . . $17,500
4430 Cab - Air - Quad $14,900
4020 Cab - Nice $9500
4520 - Nice $9800
4320 ROPS - WTS $11,000
4320 . . . . . $11,500
4020 Powershift. $7800
5010 . . . . . $6500
3020D $5800
(2) 730D - WF - 3 Pt. $3700 - $4200
620 . . . . . $2500
2020D - Nice $5500
2510 - Diesel - Nice $6000
1050 4 WD - 1981 - 200 Hrs. $7500
820 - 2 Cylinder $2900
720 Gas $2500

CASE

1370 - 20.8x38's $9950
1070 Cab - PS $7800
930CK - Cab - Nice. $6900
(2) 930CK - Standard $2800
830 CK $3500
870 Gas $6950
VAC - Nice $1450
1030 . . . . . $4900
800 - Gas w/3 Pt. $1650

LONG

310 - New $6900
310C - New. $6900
360 . . . . . $4500
560 4 WD $5350
610 4 WD - New $11,900

FORD

2000 w/Mower $3900
9700 - Cab - 1979 - 1200 Hrs. $17,500
9600 DP - Wts $8900
6000D $2900
(2) NAA . . . . . $2500 & Up
8N - Extra Nice $2750
600 . . . . . $2750
800 . . . . . $3000
8N $2000
5000 . . . . . $6900

MASSEY FERGUSON TRACTORS

1105 . . . . . $8800
175D - Nice $6900
1130 . . . . . $6500
135 - Nice $4500
180 - Gas $4850
50 - Diesel, nice $4500
Pony w/Plow $1375

OLIVER

1855 - Cab - 1700 Hrs. $9950
1650D - Nice $4950
2150 - New Paint $6500
Super 88D $1450
1550 Gas $3450

ALLIS CHALMERS

(2) D21 w/Cab - Nice $7500
7000 w/Cab Powershift . . $11,500
220 . . . . . $7950
C $950
G w/Plow & Cult $2000
WD w/Picker. $2500

TRACTORS - MECHANICS SPECIALS

Farmall 806D $3950
(3) Farmall 706 . . . . $3250 - $3750
Farmall 560D $2500
Ford 800. . . . . $2000
Case 930 Standard $1500
JD R $1600
JD 4020D. $5750
JD 4430 Powershift $8500
MF 35 w/Loader $2500

4 WHEEL DRIVE TRACTORS

Oliver 1800 3 Pt. & PTO. . . . $4900
White 4-180 - 3 Pt. & PTO. $16,500
IH 4166 - Nice - 3 Pt. & PTO $12,950
Long 610 - New - 3 Pt. & PTO $11,900
Long 560 - 3 Pt. & PTO $5,350
MF 1805 - 3 Pt & PTO & Duals - Nice - Low Hours $18,500
JD 1050 - 1981 - 200 Hours. $7500

DUMPS - FARM

1974 Ford Louisville 18' Omaha Dump w/Cattle Racks Diesel $13,950
68 Dodge Diesel w/16' Dump $5950

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429-329
JD 643-443-343-434-334-313-335-243
AC 630-430-330
Oliver 703N-541-531
MF 63-43-33-421-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30 - 4x30

WIDE ROW
IH 744-429-329-327 724-229-228-227-2522
JD 434-334-234-210-205-10-344-244
AC 440-435-240-238
Oliver 544-531-522-512
MF 44-24 422-322 222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

CORNPLANTERS

AC 770 4x No Til w/Monitor $2900
JD 1240 Plateless $2750
Ford 4X $1000
IH 2xFH - Nice $495
MF 2x 3 Pt $850
JD 290 2x Pull $495
JD 2x 3 Pt - Like New $950
(2) JD 2x3 Pt $695 & $795
AC 6x No Til $2900

CORNPICKERS & ATTACHMENTS

NI 325 (Late) w/12 Roll $6500
NI 325 w/8 Roll & Sheller $5500
NI 319 w/12 Roll $3000
NI 311 w/Sheller $1650
NI 323 $3000
12 Roll Bed For Pull $2850
Grinder For Pull $1675
Grinder For Mtd $750
Sheller For Pull $300-$1000
Sheller For Mtd $950
Super Sheller For Pull $1675
IH 234 Sheller Unit $950

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
Combine
Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
705 Diesel w/cab - nice
760 Chopper
4x30 Corn Head

COMBINES - $2000 CHOICE

(2) JD 40 w/Grain
(2) IH 203 w/Grain (1) Cab
AC E w/Grain & Cab
AC CII w/Grain & Cab
AC AII w/Grain & Cab
Case 960 w/Grain & Cab
IH 303 w/Grain & Cab

HARVESTERS

(3) N.H Super 717 w/2x40 or 1X $2250
NH 707 3 pt - 1x $1650
NH 890 - Long Tounge $3800
JD 38 $750
IH 555 $750
Gehl 300 w/2x30 $1000
AC 720 w/2x30 $1450
JD 3 pt 1X demo $2500
(100) EXTRA HEADS ALL KINDS LARGEST SELECTION IN USA - CALL

SPECIAL MENTION
JD 6600 D Combine $8500 FIRE DAMAGED WILL SELL COMPLETE OR ENGINES ONLY -

SHOES ★ SHOES

MOSTLY LADIES, A LOT OF CHILDRENS, SOME MENS

6 Pairs for $24.95

SPECIAL PRICES BY 1000 PAIR LOTS

NEXT AUCTION: MON. JUNE 7

FIELD CULTIVATORS

Case Pull $895
Brady 3 pt $495

ROTARY MOWERS

Long Belly Mtd $875
MH Pony $295
1 Pt FH Mott $495
Ford 3 Pt Flail $695
IH for Cub $395
Mott For Cub $495
Terrain King 15 Wing $1675
JD 5 3 Pt $495

DISC'S (MOST EXCELLENT)

IH 18' Wing $3900
IH 25' Wing $3900
IH Cub $250 & Up
Long 10' Offset $3900
Wilbeck 12 Offset $4500
IH 6 FH $685
(16) Wheel Disc's 8' to 15 Up to $1975

MM 1200 Cornsheller Excellent Cond. - PTO $4500

CHISEL PLOWS

7' 3 pt New $1095
13' 3 pt $1275
15' 3 pt $1495
4 Shank 3 pt Big $875
19' 3 pt $2000

MANURE SPREADERS

NH 676 Tandem $2850
IH Cub $650 Ave
(2) NI 14A $1000
NH Tank $1500
NI PTO $695
LOTS MORE CALL

POTATO EQUIP.

JD 2x Planter $500
1x Potato Plow $150
2x PTO Digger $750
1x Potato Planter $395

MISC. MACHINERY

NH Hopper Blower $495
JD FBB 17 Drill $1850
IH #10 16 Disc Drill $1800
Corn Drags $400
NH 33 Flail Chopper $775
Brady 4x Stalk Chopper $1350
Side Dressers Call
Spike Harrows Call
Spring Harrows Call
Lely 13' Roterra $2500
Belt Elevator (New) w/engine $750
Knoble 14 Wing Harrow 3 Pt $895
Waldon 10' Blade $2500
Nesseth P T O Manure Pump $3500
3 Pt Woodsaws $500 Ave
(2) Hammermills $395
NH Table Blower $395
16 Aluminum Elevator $200
Howard M100 Rotovator $2850

DUALS - 25 SET ON STOCK ALL KINDS & SIZES - CALL

CHUCK WAGONS

EZ 16' 3 Beater - Roof - No Gear . $2500
JD 214 $1850
Lamco 16' 3 Beater & Roof - No Gear $2350
(2) JD 216 w/Roof & 3 Beater $2200

CABS (NEW & USED)

MF 275 285 New $2250
MF 1150 New $2250
MF 1085 1155 New $2250
Ford 8000-9600 New $2250
Ford 5000-7000 New $2250
Case 930-1030 New $2000
IH Factory Used $1650
IH 06 56 Series Used $800
AC E Combine New $1250
IH 403 Combine w/Air $1250
AC A E-CII Cabs $850
IH 203 Cab $850
NI 701 Uni Cab $850
Case 960 Combine $850
Cooler Unit - New $500
IH 303 Cab $850
Rollbars Call

"EXTRA CLEAN COMBINES"

IH 315 w/Cab $7000
JD 55 w/Cab. $9500
Case 660 w/Cab $3900
NI 705 D Uni w/Cab $15,000

NEW SPECIALS

6 3 Pt Stone Rakes $495
8' 3 Pt Blade Heavy $695
4' Landscape Box $375
5' Landscape Box $400
7' Landscape Box $500
165 Bu Gravity Bin $450
1200 Bu Corn Cribs $795
6 3 Pt Disc s $495
10' 3 Pt Spike Harrow $495
14' 3 Pt Spike Harrow $595
4 Pull Rotary $675
5 3 Pt Rotary $495
5 Pull Rotary $695
6 3 Pt Rotary $695
6 Pull Rotary $795
3 Pt Fert Seeders $395
8 Ton Wagons $550
10 Ton Wagons $625
12 Ton Wagons $975
Round Bale Feeders $145
3 Pt Boom Poles $49
Utility Trailer $495
3 Pt PTO Woodsaws $875
Post Hole Digger $495

CULTIVATORS

JD 8x3 Pt $850
JD 4x3 Pt $850 & Up
IH 4x3 Pt $950 & Up
MF 4x3 Pt $1250
Case 4x3 Pt $1250
(40) 1X & 2X on Stock

CORNSHELLERS

MM D PTO $795
JD 43 PTO $200-$500
MM 1200 PTO $4500
MM D Belt $495

CULTIMULCHERS & PACKERS

JD 16' 3 Pt Mulcher $1500
2 Dunham 12 Mulcher $695 & $2250
Dunham 10 Mulcher $2250
Dunham 16 Mulcher $2500
Bearcat 12 Mulcher $2700

FEED MILLS

NH 354 $3850

PLOWS - OVER 50 ON STOCK

AC 1x 2x 3x 4x
Ford 1x 2x 3x
MF 5x Reset
JD 1x-2x 3x-4x-5x 6x
Oliver 3x & 3x Rollover
JD 4x Reset
IH 1x-2x-3x 4x-5x 6x 7x
IH 5x & 6x Reset
IH 2x Rollover

HAY EQUIPMENT

Hesston 10W Stack Movers $650-$850
JD 200 Stack Mover $2500
Hesston 30 Stack Mover $2500
3 pt Hay Rakes $595
NH 258 Rake $1250
NH 479 Haybine $2950
Hesston PT10 Haybine $950
Mayrath 32' Elevator $895
Zimmerman 32 Elevator $1295
Feeder Wagon $695
NH 66 Baler $800
Case 230 Baler $950
NH PTO Thrower $650
NH 68 Baler $600
(12 Sickle Bar Mowers Call
NH 256 Rake $695
JD 336 Baler New $6250

SKID STEER LOADERS

Case 1740 Diesel $6800
Melroe 500 $2900
Case 1816 - 400 Hours $3500

COME TO THE PEOPLE THAT DO BUSINESS

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

"QUALITY LATE MODEL FARM EQUIPMENT"

COMBINES

1978 Gleaner KKS2 w/Cab, 13' Grain Platform, Very Nice
1976 JD 4400 Dsl. w/cab, 1000 hrs., like new
1974 JD 4400 Dsl., Cab & Air, Choice of Heads
1975 JD 6600 Dsl., Cab, AC, Very Good, Choice of Heads
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
1981 JD 4420 Dsl. w/cab & air, like new
1978 MF 760 Dsl. hydro, loaded, very nice
MF 410 w/cab, 13' grain platform, very nice
1976 JD 3300 Dsl., cab and air, very good, choice of heads
1973 JD 4400 Dsl., cab, choice of heads
1973 JD 4400 gas, cab, choice of heads
IHC 82 Pull Type, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4430 Dsl. Cab & Air Quad Shift 1976 Model Very Nice
JD 4230 Dsl. Cab & Air Power Shift
JD 4020 Dsl. WF w/RG Cab
JD 2520 Dsl. WFE
JD 3010 Gas Row Crop
JD 2020 Dsl.
JD 820 Diesel Utility 500 Hrs.
IH 1066, AC & Cab
IH 966, Cab
IH 766 Dsl. WFE
IH 2424 w/Loader
IH 1256 D WF, 3 pt. & Dual PTO
IH 856 D., WF, w/Turbo
IH 460 Tricycle Good Rubber
IH 450
Oliver 2255, Cab, Cat. Dsl.
Oliver 1850D, WFE
Oliver 1750D, WFE & Cab
Ford 5000 Dsl. Very Nice
Case 430 Utility 3 Pt. PS, Live PTO
AC 185 Dsl. 1975, 1700 hrs.

BALERS

JD 346 [SOLD] w/Bale Chute or thrower
JD 336 Twine w/Thrower
JD 336 Twine w/Bale Chute
Gehl 1850 Round, Exc.

HEAVY DUTY DISCS

Hutchmaster 12' offset
Athens Rhino 11' Flex like new
IHC 760 12' Offset, excellent

MOWER CONDITIONERS

NH 479
JD 1209, like new
NH 477 7 Ft.

GRINDER MIXERS

NH 355, like new
Gehl 65
Artsway 320

PLOWS

IH 720 5x20 spr. reset
IH 710 6x18 On-Land Hitch
IH 710 5x18 spr. reset
IH 710 5x16 sp. reset
IH 550 5x15
IHC 710 6x16 spring reset
IHC 720 6x18 Togle Trip
IHC 720 5x20 Togle Trip
Ford 3x16 Spring Reset
JD 1450 5x18 and 5x16
JD F145 4x14, 4x16 & 5x16
JD 2500 5x18 hyd. reset on-Land hitch
Oliver 6x18 hyd. reset

DISCS

JD 12'-14'-18' BWF Rock Flex Disc
JD 14' AW Disc
JD BWA 11'2" & 12'6"
JD 18' BW Wing Fold
JD 230 Hyd. Fold 22' w/cushion gangs
JD 3000 12' Double Offset
Case 56 Blade folding wing, dual wheels, like new
Sunflower 17' Hyd. center fold, very good
JD 11' RWA Transport

CORN PLANTERS

White 5400 6R air, dry fert.
JD 7000 4R Consv. Dry Fert. Insect. Pop Monitor.
JD 7000 4RW liq. Fert., Insect. & Monitor
JD 7000 4 R Wide and Narrow Dry Fert. & Insecticide, Min. Till Colters, Very Good
Minimum Till Attch. for 1240 Corn Planter

CORN HEADS

MF 24, 43, 44
AC F430, G430, C#430
AC KF330
JD 243, 244, 343, 344, 443, 444, 643
IHC 843

MISCELLANEOUS EQUIPMENT

JD RG 4R and RG 630 Rear Mounted Cultivators
IH 63 4R Rear Mounted Cultivators
JD16A Flail Choppers
JD 148 Loader, Indep. Control Valves
JD 146 Loader, Indep. Control Valves
JD 640 Rake, Teeth Rubber Mounted
20' Speed King Wheel Harrow
IH 18.38 Rr. Axle Duals
JD 300 Picker, exc. 2 or 3R Heads Avail.
NI Wide or Narrow 2R Corn Pickers
IH 2350 Mount-O-Matic Loader
Dunham Loader Quick Tach Dual Hydraulics
Hesston 1010 Hydro Swing Mowr Cond.
NH 770 Harvester 2RN C.H.
NI 324 2 Row Wide Picker w/Super Sheller, Like New
JD 35 Harvester, Choice of Heads
JD 13' Mulch Tiller, chisel plow, very nice
JD late model 21 double disc grain drill w/grass and attach.
Winpower running gear w/hoist
JD running gear w/hoist & grain body

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

New Equipment Specials...

Oliver 5 Bot Semi-Mtd. Cushion Trip Plow ____ $895
AMCO Disk ____ $4495
Landoll 7 Tooth Chisel Plow ____ $1625
Landoll 9 Tooth Chisel Plow ____ $1875
1,000 Lb Pressure Washer ____ $815
Century 295 AMP Welder, AC-DC (Demo) ____ $639
8 Ton Wagon Gear ____ $560
3 Pt Backhoe ____ Call For Price!

MARTIN HARDWARE & EQUIPMENT CO.
1½ M. south of Schaefferstown, Pa. on Rt. 501
Phone 717-949-6817
Open Mon-Fri 8 to 8, Wed 8 to 12, Sat 8 to 5

GOOD USED EQUIPMENT

Farmall 544 tractor
Oliver 770 diesel tractor, tricycle front end, good cond
1 Farmall M
Farmall 504 tricycle front end, gas engine, equipped w/loader
Used IH cub cadets
5 S #550 plow
3 F Oliver rollover plow
Used Farmall Cub, w/equipment, run approx 65 hours

IH 1440 axial flow combine w/1150 hours, excellent condition.

AMCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
717-943-2367

See Us About IH Purchasing Programs.

NEW EQUIPMENT

Call for Prices
800 6 row plate planter
800 6 row air w/liquid fert
200 2 row cultivator

USED EQUIPMENT:

766 Tractor	$11,900	~~$12,400~~
Farmall M		$1650
MF 65 diesel w/industrial loader		$4750
Farmall Cub w/cult plow & blade		$4175
IH 715 combine		$15,900
IH 710 5x16 plow		$3850
IH 710 6x16 plow		$1350
IH #8 4 btm plow		$150
JD 4x16 3 pt. mtd plow		$625
JD 12' Mtd Vibra Shank harrow		$1550
Miller disc, 10', as is		$1995
w/new discs installed		$4250
IH 400 Cyclo 4 row planter		$3450
IH 400 Cyclo 4-row planter		$2975
IH 56 4 row planter		$1750
IH 455 4 row planter		$1450
IH 4 row cultivator, 3 pt		$1025
IH 4 row cultivator, 3 pt		$850
Pincor alternator with trailer		$1495
Fox blower		$750
IH 430 baler w/thrower		$2950
IH 37 baler w/thrower		$1695
AC 303 baler w/thrower		$1295
IH 863 6x30 corn head		$7350
IH 990 9' mower-conditioner, very good		$2775
IH 990 mower-conditioner		$2250
#10 single disc drill		$2300
IH 1050 grinder-mixer		$1775
Snowblower for 154 Lo-Boy		$425

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt 147
INTERNATIONAL AGRICULTURAL EQUIPMENT
• U P S Service Available

---

bobcat

USED EQUIPMENT

Tractors

Farmall H
Farmall M
Farmall 856D
F986D
IH F560 Gas
IH F1256
IH F300 Gas
IH Hydro 186
JD "B" w/cult
MF 255
Oliver 550 w/Loader
Case 450 Diesel Crawler
Bobcat 520 Skid Loader
Bobcat 631 Skid Loader

Plows

IH 550 5-Bottom
IH 700 6F Auto Reset
IH No. 8 Trailing
3F Trailing Plow
MF 3F 3 pt Plow
MF 5F 14" Mounted
JD 3 pt 3F Plow
Ford 3F 14" 3 pt
Oliver 3F 14" Trail
Oliver 2F 16" 3 pt.

Tillage

IH 24 Offset Disc
IH 122 Mtd Disc Harrow
IH 4500 V S 12 Ft
Lely Power Harrow
JD 10 Ft Roller Harrow
JD KBA Disc
Dunham 10' Cultimulcher

Planters & Drills

IH 400 Cyclo 6-Row w/No Till
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt Cultivator
IH 400 Cyclo 4 Row
IH 455 Planter
JD 494 Planter
JD 1240, 4-Row
JD 15x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter
Ontario 13x7 Drill
Oliver 2-Row Trailing Planter
Lilliston 4R Cult

Pickers

IH 2 ME
IH 2 MHD
NI 2-Row Mounted
NI No 10 Cornpicker
NI 323 1-Row

Combines & Cornheads

IH 127
IH 815D Combine
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head on 403
IH 743 Corn Head
IH 844 Corn Head

Hay Machines

IH 430 Baler
IH 46 Baler w/Thrower
IH 37 w/thrower
IH 10 Bale Thrower
IH 27V Mower
IH 27 Mower
IH 115 Mower
IH Cub 222 Mower
IH 990 9 Ft Mower Conditioner
M C. Rotary Scythe
Kubota 60" Mower
JD 660 Rake
JD 2 pt Mower
JD Hay Tedder
Myers Hay Crusher
NI Mower
NI Hay Conditioner
NH 67 Baler
JD 214 Baler

Forage Equipment

IH 16 Harvester w/2 Heads
IH 350 FH
IH 550 Harvester w/2 Heads
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH 5 Flail Chopper
IH Hay Pickup 550/650
IH Hay Pickup 350
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
Fox S P. Harvester
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower
Kools Blower
Gehl FB99 Blower

Lawn & Garden

IH 125 Cadet Mower
IH Cadet 60 Riding Mower
IH Cadet 70 Tractor
IH 1450 Cadet with Mower
IH 1650 Cadet w/Mower
NI EGT 100 Electric
MF 16 Tract w/Mower
Snow Blowers
E.Z Lawn Vac
AMF 10 HP Rider

Miscellaneous

Surge 15KW Alternator
IH 20 Loader For Super C
IH 1050 Loader
NI 17A Spreader
NI 213 Spreader
Martin 2400 Gal. Spreader
Waldron Dozer Blade w/IH or JD Mountings
Sunmaster B90 Mower
GT 370 Grain Dryer
NH 346 Tank Spreader
Winco 1500 Generator
Kubota 3 pt. Backhoe
Cordwood Saw
Danuser 8 Ft Blade 3 pt
Uebler Feed Cart

This Week's Special
KUBOTA MODEL K650
3 PT. HITCH BACKHOE
• Includes Hydraulic Pump, Excellent Condition

★ WE RENT BOBCAT LOADERS ★

SWOPE & BASHORE, INC.
RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown on Rt. 645 in Frystown
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INTERNATIONAL THE NEW NO. 1

3288
90 PTO hp*

LET US GIVE YOU A DEMO

3688
110 PTO hp*

* Manufacturers Estimate

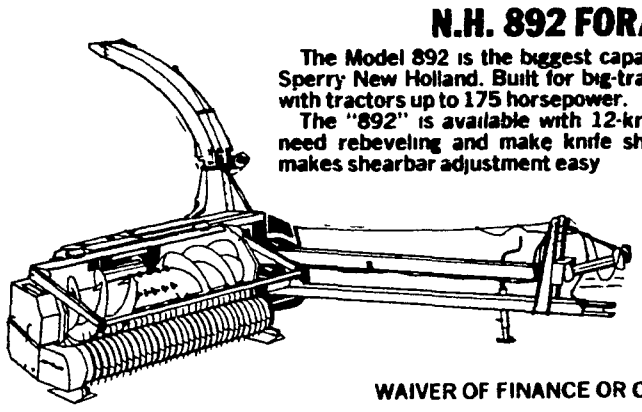
JUST TRADED GOOD USED TRACTORS:

IH 1086 D
Cab and air, like new, only 560 hours

IH 84 HYDRO
with 2250 Quick-Attach Loader, 350 Hours. Like new

OLIVER 1855 Diesel
3 pt wide front, excellent condition

N.H. 892 FORAGE HARVESTER



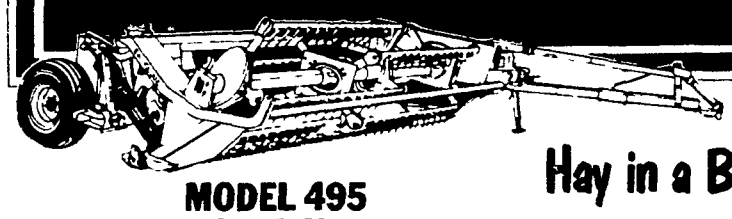
The Model 892 is the biggest capacity pull-type forage harvester offered by Sperry New Holland. Built for big-tractor horsepower, the "892" can be used with tractors up to 175 horsepower.

The "892" is available with 12-knife exclusive underbeveled knives never need rebeveling and make knife sharpening fast and easy Flip-up feedroll makes shearbar adjustment easy

"SPECIAL DEAL"
Demo, Cut Only 40 Acres

WAIVER OF FINANCE OR CASH REBATES TILL OCTOBER 1, 1982

Rolareel makes the difference.



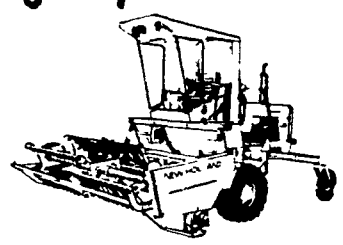
MODEL 495 HAYBINE

The unique Rolareel header on the Model 495 and 1495 Haybine ® mower-conditioners pick up down and tangled crop ... feeds it evenly and directly into 9'2" rubber, intermeshing conditioning rolls. No other 12' machine has either Rolarell or conditioning rolls this wide.

NEW HOLLAND

Hay in a Big Way!

NEW EQUIPMENT IN STOCK AT OLD PRICES



1495 Haybine® Mower-Conditioner

12 Ft cut with 9 ft conditioning rolls for faster drying action

WAIVER OF FINANCE ON NEW & USED FORAGE EQUIPMENT UNTIL OCT 1, 1982 OR CASH REBATE

GOOD CLEAN USED EQUIPMENT

TRACTORS
IH 84 Hydro with 2250 Quick Attach Loader, 350 hours like new
IH Farmall H Tractor
IH 1086D Cab and Air, Only 560 Hours
Oliver 1855 Diesel, 3 pt Wide Front Ex Cond.
Oliver 77 Tractor

HAY EQUIPMENT
NH Model 850 Round Baler
IH 37 Baler w/Thwr
NH 489 Haybine, Ex
JD 1209 Mower Condition
IH 7 ft. Sickle Bar Mower Good Condition
MF #3 Baler
IH Model 15 Rake
NH 56 Hay Rake
Ensilage Cutter Blizzard Like New
Ensilage Cutter McCormick Good

PLANTERS
JD 494A 4 Row Planter
Tye No-Till Drill, 13½ ft. wide used 150 Acres

TILLAGE EQUIPMENT
IH 531 Plow
JD KBA Transport Disc Harrow
IH 37 Disc Harrow 11 Ft 6 Cut
Brillion 10 Ft Packer
Brillion 16 Ft Transport Harrow
Brillion 12 Ft. Cultimulcher
Brillion 10 Ft. Transport Harrow
IH Little Genius 2 Bottom Plow
IH 10 Ft 9A Disc Harrow

SPREADERS
NH 362 Tank Spreader
IH 540 Spreader & Hyd Gate
NH 518 Spreader
NH 790 Spreader Tandem Axle Hyd Gate

HARVESTING EQUIPMENT
IH Model 234 Mtd Corn Picker
NH 770 R2 Corn Head
NH Self Propelled 818 Diesel Harvester
IH 650 2 Row Cornhead and Pickup Attachment
Grove Forage Box Wagon, Ex Cond
1880 N3 Corn Head
Brady 4 Row Stalk Shredder
IH 16 Forage Harvester 1 Row, Real Clean

SKID LOADERS
NH L425 Skid Loader, Excellent Cond
NH 775 D Skid Loader 350 Hrs. Demo SAVE $$$

MISCELLANEOUS
Several Used Cub Cadets
Myers 7 Ft. Snow Plow Fit Tractor or Truck
17 Ft Gandy Applicator Hyd Drive
12 Ft Gandy Applicator Hyd Drive

MESSICK FARM EQUIPMENT, INC.

VISA

RHEEMS EXIT - RT 283, ELIZABETHTOWN, PA
PHONE 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762
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TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

NEW ITEMS

Complete new 3 pt hitch assemblies for 06 56 66 86 IH tractors Will economically replace 2 pt or worn out 3 pt hitches Call for prices Easy shift hydraulic trans brake control for 06 56 66 86 & 2+2 model IH tractors Eliminates grinding, eases hard shifting & reduces shift linkage & gear wear

Complete TA assemblies for 706-1586 are prices at **$595** and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs. against failure** Sprag kits (includes sprag gear Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons Ramps and carriers for older style TA's (as in SMTA 340-560) are priced at $150 each and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor yourself and send the center housing to us **Complete rebuilt center housing available for installation in tractors which did not have TA from factory**

Now buying tractors for our used parts dept Let us bid on your damaged tractors

Selling parts from the following.
Please have part no when calling if possible

Tractors IH 1066 806, 706G 656D 660D, 450D, 340 300 M SM W D9C W 6 & A JD 520, 3010 2020D 60 A B Oliver 1650 G
Combines IH 203 815 D fresh 407 JD 30 & 55 MF 35 MF 510 G
Quick Tach , Uni 701 702 & 705 tractors also 710 combines & 727 & 737 huskers
Corn Heads IH 429 WN 430 228 227 328 WN

Parts shipped direct thru UPS & Parcel Post

J. EDWARD LEAMAN

RD #1, Box 474 Willow St., PA 17584
717-464-2874

SPRING TRACTOR SALE!

JOHN DEERE

WE HAVE REDUCED OUR PRICES ON THESE TRACTORS

JOHN DEERE

JD 2440 standard trans	Amount Reduced $4835
JD 2440 Hi-Low	Amount Reduced $4050
JD 2940 2 Wheel Drive	Amount Reduced $7280
JD 2940 4 wheel drive	Amount Reduced $8185
JD 4040 Fenders	Amount Reduced $6810
JD 4240 SG, QR	Amount Reduced $11,785
JD 4240, SG, PS	Amount Reduced $11,279
JD 4440 SG, QR	Amount Reduced $13,385

CALL FOR TRACTOR PRICES

Buy a new John Deere 6600 Side Hill Combine at 1981 Prices

TRACTORS
JD 4240 w/148 Loader, 400 hrs.
White 2-85 w/cab
IH 400 D
JD 2940 (290 hrs.)
JD MT

COMBINES
JD 45 w/2 heads
(3) JD 444 Corn Heads
1980 MF 760, 338 Hrs

PLANTERS
JD 7000 6R
White 5400 4R
IH 400 6R
IH 400 4R
JD 1240

HARVESTERS
Gehl 600 w/heads
NH 717 Harvester
Hesston 720 w/heads
NH 770 w/heads

HAY TOOLS
JD 24T Baler
NH 269 Baler

TILLAGE
JD 345 5 Btm. Plow
IH 700 5x16 Plow
JD 950 12' Roller Harrow
Brillion 12' Roller Harrow
Ford 10' Disc
JD 1600 10' Chisel Plow

TOBIAS EQUIPMENT CO., INC.

JOHN DEERE

Halifax, PA 17032
Phone: 717-362-3132

JOHN DEERE

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Irrigation, Industrial
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New - Used
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Irrigation System Design
Portable, Wheel Reel Irrigator

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Harrisburg, PA 17110
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C.J. WONSIDLER BROS.

SPERRY NEW HOLLAND

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Mon -Fri 7 30 A M. - 5 00 P M
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Trumbauersville to Finland Rd ,
Quakertown, PA
(215) 536-1935 or 536-7523
Mon -Fri 7 30 A M - 9 00 P.M
Sat 7 30 A M - 4 00 P M.

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri 7 30 A M - 5:00 P.M
Sat 7 30 A M - 12 30 P M

TRACTORS
AC 7050 w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 190XT D w/cab
AC 185 D
AC 180 D
AC 175 D
AC 5040 D
AC D19
AC WD45
AC WD
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
White 2-50 D
Oliver 1850 D
Oliver 550
Oliver 55 D
MF 1100 D
MF 180 D w/loader
MF 180 D
MF 50
JD 3020 D
(2) JD 60
Ford 800
Ford 9N
Case 630 w/loader
Case 300

TILLAGE TOOLS
Oliver 6B Semi-mt Spring Trip
Oliver 5B Semi-mt Spring Trip
JD 13' Transport Disc
JD 12' Transport Disc
JD 10' Transport Disc
JD 9' Transport Disc
JD 10' Transport Culti-mulcher
McConnell 16' Transport Harrow, like new!

COMBINES
Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads
Gleaner FKS w/grain & corn heads
Gleaner AII w/13' grain & 2-row corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner E w/10' grain & 238 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads
NI Uni System 714 w/717 combine, 4-row corn head

MANURE SPREADERS
NI 214, Single Beater-EXCEL
NI 213 Single Beater, 176 BU
NI 218 Single Beater, 318 BU
NH 516 Single Beater w/endgate, EXCEL
NH 365 Tank Spreader hyd lid, 6 TON
Hawk Bilt 255 Tank Spreader, 7 TON

NEW ALLIS-CHALMERS TILLAGE & PLANTING EQUIPMENT

	LIST	CASH
AC 2000 5B 16" Plow, auto reset & semi-mt	7,620.00	5,475.00
AC 2500 Center Fold Disc Harrow-20'	9,610.00	7,900.00
AC 2500 Disc Harrow-12'	5,615.00	4,975.00
AC 2300 Disc Harrow-13'	5,775.00	4,700.00
AC 1200 Fold up Field Cultivator-16½'	4,018.00	2,875.00
AC 1300 Fold up Field Cultivator-23½	6,298.00	4,950.00
AC 1600 Pull type Chisel Plow-8 shank	3,298.00	2,275.00
Fox & Brady 1000 Chisel Plow, 3 pt -10 shank	2,970.00	1,950.00
AC 600 4-row Air Champ Planter	8,000.00	5,975.00
AC 600 6-row Air Champ Planter	11,000.00	8,900.00
SPRAYING EQUIPMENT:		
Hanson 200 gal , 3 pt Sprayer	1,200.00	995.00
Hanson 200 gal., pull type Sprayer	1,770.00	1,575.00
Hanson 300 gal , pull type Sprayer	2,300.00	1,900.00

ALLIS-CHALMERS ANNOUNCES

9.9%
5 YR. FINANCING.

THE "SAFE HARBOR" LEASE/OWNERSHIP PLAN

$ $ $ $ $ $ $ $ $ $ $ $ $ $ $
$ New AC 5050 2WD Tractor $
$ Cash Price $10,600 Until May 18 $
$ $ $ $ $ $ $ $ $ $ $ $ $ $ $

TRACTORS

AC 5050 Diesel	$13,900
AC 6060 Diesel	15,900
AC 6080 Diesel	22,800

Cash rebates available in addition to above prices

IMPLEMENTS

AC 2313 Disc Harrow	$3,650
AC 770 4R Planter (air)	3,900
AC 333 4R no-till Planter (plate)	7,400
AC 333 4R no till Planter (air)	7,990
AC 333 6R no-till Planter (air)	11,400

USED EQUIPMENT
AC 7000 Tractor
AC "WD" w/plows & cultivators
IHC 574 Tractor
IHC 2606 Tractor
Sunflower 14' offset Disc Harrow
IHC 400 6R Cyclo Planter

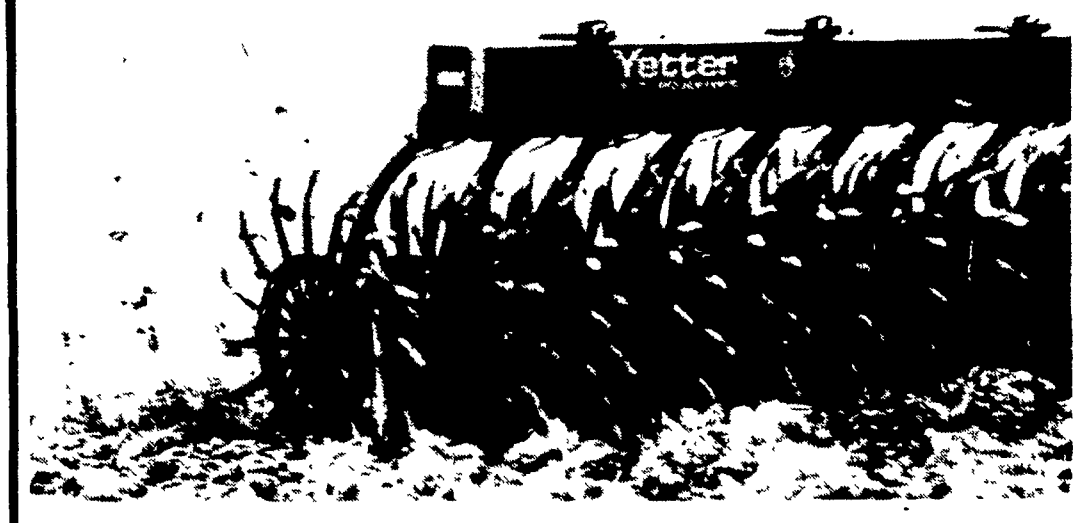
USED COMBINES
MF 410
MF 510
JD 7700
NI Uni System

Above prices are for "on hand" Merchandise only Call about other Equipment needs We can find what you want!
FOB-Herndon

MECKLEY'S GARAGE
758-3915 (717)
Herndon, Pa.

THE Yetter ROTARY HOE

There's a Yetter Way...of Cultivation



SIZES AVAILABLE ON SPECIAL:

12 Ft.	15 Ft.
$2,079	$2,419

Order before you need it so we have it on time!

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INTERNATIONAL 504 DIESEL UTILITY TRACTOR
with hydraulic loader and bucket.
Good condition
Nathan Hawbaker 717-264-8656

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REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
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BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
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FARM DUTY MOTORS IN STOCK
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USED EQUIPMENT
Ford Tractor Model 8000
Ford Tractor Model 2000
Ford Tractor Model FMD
Ford Tractor Model 4000
Case Tractor Model 1210
JD Tractor Model 60
Pasquali Tractor Model 997 w/loader
Ask for special prices on items listed above.
Ford Tractors Equipment
EDWARDS FARM EQUIPMENT
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Route 512 At Clearfield,
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Phone 1 (215) 759-0240

Poly-glass fertilizer storage tanks
11 sizes up to 6000 gallons
Cone-bottom tanks from 250 gallon to 2500 gallons
Free Delivery Within 50 miles
Thomas Bachman & Sons
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Fallston, MD 21047
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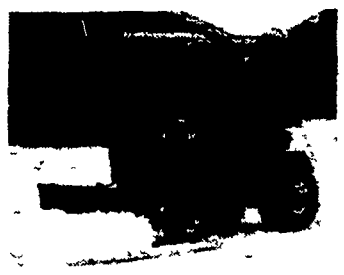
GRASS CUTTING TIME IS HERE and WE HAVE WHAT YOU NEED!
Specials In Stock, While They Last

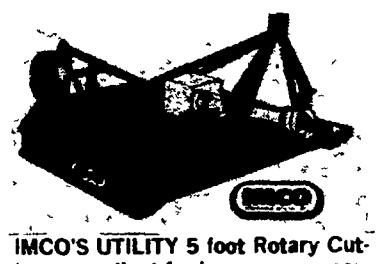


Case 110 Lawn & Garden Tractor With 34" Rotary Mower

Buy this 10 HP year-round snowplow and Lawn Mowing Special and Save!
1 Only. Reg. Price $1,950
SPECIAL PRICE **$1,550**

Extra Equipment Available
- 51" Blade
- Lawn Sweeper
- 32" Snow Blower
- Dump Cart
- Tire Chains

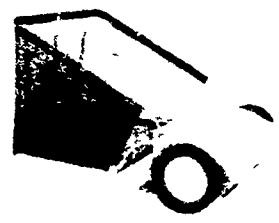
Ask For Prices



IMCO'S UTILITY 5 foot Rotary Cutter is excellent for heavy grass, pasture and lawn mowing Standard with 3 point hitch, shielded PTO, free swinging suction blades, round blade carrier and 40 H.P. gear box. Cutting height from 2" to 12" Laminated tail wheel with hub and pivot shaft Rated for tractors up to 45 H.P.

New Improved Model 552 - 3 ROTARY CUTTER
List Price $699
SALE PRICE **$520**
New Heavy Duty Model 702 7 ft. 3 pt. Hitch Rotary Cutter
List Price $1,879
SALE PRICE **$1,495**

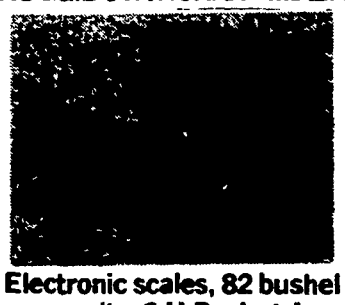
CASE HEAVY DUTY LAWN SWEEPER



- 11 Bushel Capacity
- Two Stage
- 38" Width
- Positive Gear Drive
- Large Traction Wheels, 3" Wide for Non Slip, (Not a Discount House type unit)

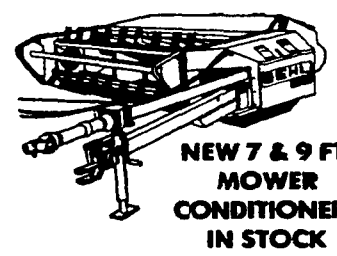
Reg. Price $390
NOW ONLY **$258**
★ SUPPLY LIMITED ★

MAKE EVERY BITE COUNT With A KNIGHT MINI-AUGGIE STATIONARY MIXER



Electronic scales, 82 bushel capacity, 3 H.P. electric motor with drive is standard equipment. In Stock
OUR SALE PRICE **$6,890**

McCURDY SHORT TURN RADIUS WAGONS
In Stock with adjustable quick hitch. Your choice of wheel width 6", 8", 10"
Price is less tires.
8 Ton $589
10 Ton $690
10 Ton Tandem $998



NEW 7 & 9 FT. MOWER CONDITIONERS IN STOCK

MODEL 1070, 7 Ft.
With Heavy Duty Knife Guards. Full float machine with inexpensive knife guards. You'll like it.
$4700 Trade Up Now!

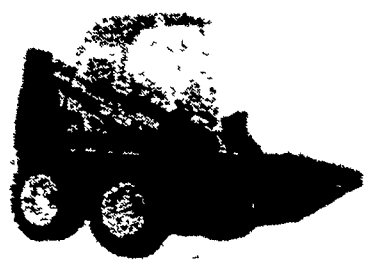
NEW MODEL 1090, 9 Ft.
Full Float Machine
$5,553

HAY MOVERS SPECIALS

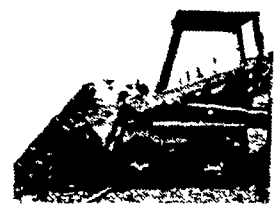
Little Giant Model 21

High Capacity Portable Elevators For All Crops

In Stock, Set Up With Shovel Hopper, Motor Mount, Will Handle Hay Bales and Corn.
34 FT. Length: **$1,855**
38 FT. Length **$1,960**
Plus additional 10% OFF for buying early



USED GEHL MODEL 4500 HYDROSTATIC SKID LOADER
With Ford 4 cylinder gas engine, self leveling loader, 10 00x16.5 tires, 40 H.P., 65" wide bucket, T bar control, 1 only
Reg. Price $9,500
Reduced To: **$8,500**
For Quick Sale



Owattonna Compact Diesel Power Skid Steer Loader
Model 310, 600 lb lift capacity, approx. 42" wide bucket and manure fork, 23x8.50-12 flotation tires, manufactured between 1978-1980. Ideal for Horse Farm.
Reg. $3,950
Reduced To: **$3,350** for Quick Sale

TILLAGE SPECIALS

LOOK AT THIS CUT & FINISH

New Case 9'3" double offset tandem transport disk harrow w/rock flex bearing hangers with 22" blades. Weight approx. 3545 lbs.

List $5,087
Special One Only
$3,960
Time Limited

MF MODEL 40 12 FOOT CUT HEAVY DUTY OFFSET DISK HARROW TRANSPORT
With lift cylinder, excellent paint and condition, cutout blades front and rear. Front measures 23½", rear blades measure 25"
AT A GOOD PRICE!

IH 5 BOTTOM 16" ROLLOVER MOLEBOARD PLOW
With trash boards, tail wheel, hydraulic rollover, excellent paint, ready for your field at a good price.

NEW RHINO ATHENS MODEL 76 11'8" CUT TRANSPORT DISK HARROW
Double offset tandem with rock flex bearing hangers.
This is a good medium weight cut and finish disk harrow.
24" diameter smooth blades, 8 bearings
ONLY **$4,497**

TRY THIS FOR ROW MAKING AND HILLING, FOR PLANTING SWEET POTATOES, ETC.
They Do Work!
The 3 PT. HITCH, 1 ROW **POTATO PLOW**
HEAVY ANGLE TOW BAR
Features
- FRAME - Welded Construction
- SHANK - 1"x4"
- HITCH - Standard Category 1
- BUSHER SHAPE

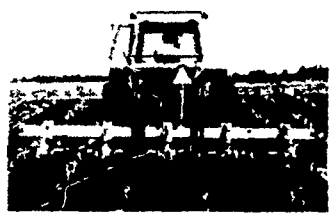
Our Low Price **$97.85**

IN STOCK

JUST ARRIVED, LIKE NEW 1980 MODEL

IH 1086
Cab, air, heater, front weights, 20.8 x38 rear tires, excellent, approx 900 hours Ready for your field Trade up now! No interest till Oct 1, 1982, no payments till Nov 1, 1982

JOHN DEERE 5020 TURBO DIESEL TRACTOR
Engine just rebuilt in our shop, with duals.
NO INTEREST TILL OCT. 1, 1982



Danish Tine High Speed Row Crop 3 pt. Hitch Cultivators In Stock:
Adjustable 4 row Dunham Lehr **$1,573**
Farm Hand 4 row adjustable **$1,500**
Kelly 5 row adjustable **$1,600**

★ ★ ★ **CLOSED** ★ ★ ★
Ascension Day...Thursday, May 20, 1982
Memorial Day...Monday, May 31, 1982

BINKLEY & HURST BROS., INC.
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Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

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JOHN DEERE *Nothing runs like a Deere*

USED MACHINERY

TRACTORS:

Farmall 460 gas, clean . $3000
Satoh Beaver 15 hp diesel w/54" mower, 1 yr. old . . $4200
Special! $3800
Oliver 1355 Dsl. . $6250
JD 2640, 1100 hrs w/Hi-Lo $12,500
JD 4020 Dsl. Tricycle . $8800
JD 4040, cab, QR, 1100 hrs , like new $24,900
JD 4440 w/power frt. whl. drive, cab, power shift, 475 hrs $43,000
JD 4440 Cab, Power Shift, 1200 hrs . . $30,000

FORAGE:

Fox SPF 2RN 6½' Pickup $6900
Fox 2RN Snapper Head $3500
IH 650 w/2XW - Pick Up . $1500
JD 3800 Long Tongue for Parts. . . . $1100

HAYING:

JD 16A chopper $1800
IH 1190 mower-conditioner $4200
IH 440 baler w/thrower $2800

COMBINING:

JD 237 MTD Picker $1400
JD 40 . . . . . $2900
JD 444 corn head . . $5000
JD 6620 side hill w/15' platform . . $56,000
JD 4400 Diesel w/13' Platform & 443 Corn Head . . $29,500
JD 40 Square Back w/2 RW & 10' Grain . $5000

TILLAGE:

JD 350 5/16 reset plow w/cushion coulters $3100
JD 145 5/16 Plow $1000

PLANTERS:

JD 7000, 4R Dry . $4900
JD 1250 6 row plateless w/monitor. $1900
IHC 400 cycle 6R w/No-Till Pop Monitor, Ex Cond. $3200
IH 56 4R Disc Openers

MISCELLANEOUS:

Hawk tandem tank spreader, model 257, 3 yrs old $3000
Brillion 10' Packer Seeder, 66 Acres . . $2200

JOHN DEERE

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Phone 814-793-2109

g-Industrial Equip. Co.

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KUBOTA AVCO NEW IDEA Bullion

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Kubota 185
IHC 454 w/Loader
IHC 340
AC 5050 w/loader
AC 5050
(2) AC 7000
AC 210 w/cab
AC 180 w/loa SOLD
JD 5020 w/Loader
JD 4430H
Farmall C
Ford 4500 Tractor Loader

COMBINES
JD 105 w/444 Corn Head and Grain Head
AC CII w/14' Flex Head
AC MII w/4R head and 15' grain head
NH TR70 w/15' grain head & 4R C.H
MF 510

CORN PLANTERS
AC 600 4R w/liq. Fert.
AC 2 Row
AC 4 Row no-til
AC 6R
IHC Cyclo 4R
IHC Cyclo 8R
White 6R no-till
JD 1440
JD 494A w/gran fert.

SKID LOADERS
NH L-35
Case 450 Crawler
NH L-775 Gas
NH L-775 Diesel
NH 778
Case 1150 Crawler

WAGONS
NH 1000 Bale
NH 1012 Bale
NH #8
NH #6
Hesston Stackhand #30

BALERS
(2) NH 320 w/thrower
NH 268 w/thrower
NH 269 w/motor
NH 273 w/thrower
NH 315 w/70 thrower
NH 85 2 Auto Wrap

FORAGE HARVESTERS
NH 1895 w/4R head
NH 880 w/2RW & W PU
JD 3960 w/2 R Head & WPU

MOWER CONDITIONERS
NH 1495 D Hydro
(3) NI 279
(1) ~~(3)~~ NH 479
NH 1469 w/Ford Engine
NH 495
NH 478 Exc.
NH 469
MC 7' Rotary Scythe
IH 990

SUMMER AUCTION
Sat., June 12
10:00 A.M.
Watch for Listing

MISCELLANEOUS
AC 2300 Disc
NH 36 Crop Chopper
Dodge 600 truck w/18' stake body & grain sides
Ontario Drill
Vicon Disc Mower
Glenco 7' Chisel Plow
CB 13' Offset I SOLD
NI Bar Rake
(2) NI 213 Spreader
NH 28 Blower
NI 224 Spreader
NH 362 Tank Spreader
NH 365 Tank Spreader
JD Stack Mover
JD Stack Shredder

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USED EQUIPMENT

TRACTORS
Oliver 1655

SPREADERS
NI 212 Spreader
NI 214 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH
NH 791 Spreader

FORAGE TOOLS
NH Super 717 w/1-Row
NH 717 Harvester w/1 Row
NH 880 R2 2-Row Head
IHC 16 w/1-Row & Pickup
IHC 550 w/2-Row & Pickup
JD 66 Blower

HAYTOOLS
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 68 Baler
NH 275 Baler
Oliver 620 Baler w/Thrower
JD 483 Mower Cond
NH 460 Haybine
NH 469 Haybine
Gehl 880 Haybine
MF 81 Mower Conditioner

TILLAGE - PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14' Transport Harrow
Case 1800 7' Chisel Plow

NEW EQUIPMENT IN STOCK

WHITE 2-30 2-Wheel Drive
WHITE 2-45, 2 & 4 Wheel Drive
WHITE 2-62, 2 & 4 Wheel Drive
WHITE 2-70 Tractor
WHITE 2-85 Tractor
WHITE 2-105 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 & 90 Bale Movers
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 & 800 Spreaders
NH 367, 363 & 303 Tank Spreaders
NH TR75 Combine
KUBOTA - All Sizes In Stock
CAGLE Sprayer
BOBCAT 530, 642 & 743
TYE No Till Drill
GLENCOE 7' Soil Saver
MORRIDGE 275 Grain Dryer

KUBOTA® bobcat

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NH #718 Harvester (1 only) $6050
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NH #679 Spreader 11:20 Tires $5835
NH #355 Grinder-Mixer, Heavy Duty PTO 11L tires, 1 only $5650
NH #230 Wagon, 8 rims, standard tongue, 1 only $620
NH #303 Liquid Tank Spreader (Demo) $7660
NH #791 Spreader $7130
NH #310 Engine Baler, Steel Wheels $6990
NH #451 Mower $1775
NH #495 Haybine $9940
Pittsburgh 3B 18" Auto Reset Plow $3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow $5275
Pittsburgh 12' Field Cultivator, 1 only $1295
Oswalt Ensilmixer, 1830 trailer w/scales $9500
Oswalt Ensilmixer, 1830 Stationary w/scales $9390
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs. $6200
Dunham 7' Chisel Plow $1175
Dunham #22 Loader, fork and 64" pan $1995
Hub Tool Elevator 36 ft. $1995

NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine & Meter Detector
Call For Special Price.
PLUS FREE FINANCE TILL OCT. 1, 1982
OR $3360 REBATE

- SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW NEW HOLLAND HAY AND FORAGE EQUIPMENT TILL OCT. 1, 1982

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

NH 477 Haybine
(2) NH 512 Spreaders
NH 518 Spreader, top beater
NH 707 Harvester w/1R Corn Head
NH 450 Mower
Bush Hog 12' Offset Disc, 26" blades, excellent condition
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
Dunham 10' Cultipacker

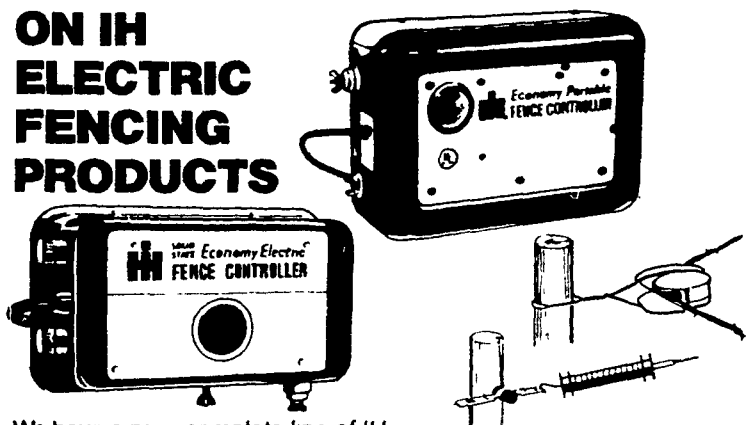
DEPENDABLE IS MORE THAN OUR NAME

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

PARTS VALUE OF THE MONTH

Special Introductory Savings

ON IH ELECTRIC FENCING PRODUCTS



We have a new, complete line of IH electric fencing products, so now is the time to electrify or revitalize your fences at special savings.

- Five different models of 110-volt or battery-powered fence controllers.
- Complete selection of insulators for wood, T, or round metal posts.
- All controllers are U.L. listed.
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Outstanding Features

Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut-Off valve plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M of air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
Walking beam suspension. Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIAL

1 - USED BETTER BILT 2600 Gallon VACUUM SPREADER w/Tandem Axle and 4" Suction Hose, Plow Down Attach.

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

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NEW EQUIPMENT

JD 850 Tractor
JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT

AC C & WC Tractors
Farmall H, MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Ford 8N Tractor
JD 494A Planter
IHC 350 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Brillion 10½' Offset Cutter
NH 6' Cutter
JD 507 Cutter
Plus other new and used equipment

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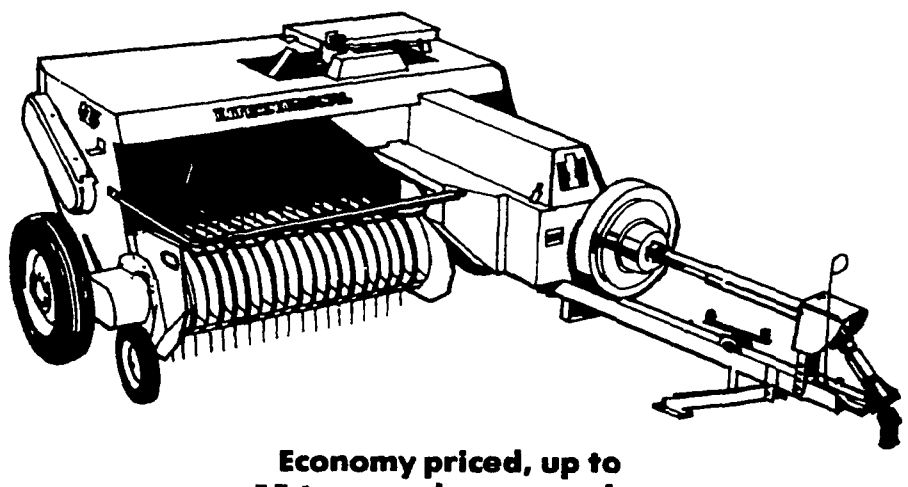
TIME TO MAKE HAY WITH NEW IH HAY MACHINES

International® 425 Baler

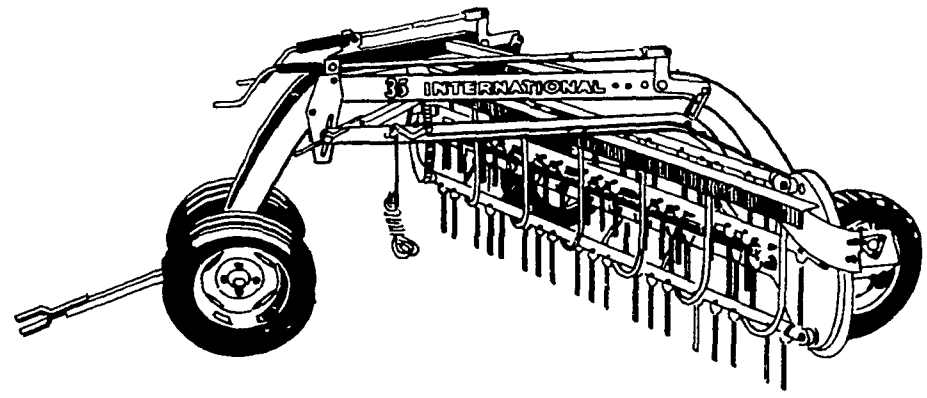


Economy priced, up to 15 tons per hour capacity

The new 425 is an economy baler with many of the same proven performance features found on other International 400 Series balers It does an excellent job in most crops and conditions and is an ideal choice for farmers with average, moderate capacity baling requirements Up to 15 tons per hour capacity.

- 61-in 4-bar pickup with 76 teeth sweeps the windrow clean
- 4,800 lbs of force behind the plunger for uniform, tightly packed bales
- Dependable Deering-type knotters tie strong secure knots
- Heavy duty drive train and 2-knuckle PTO. 3-knuckle PTO optional

International® 35 Parallel Bar Rake



Get the best in gentle, high-capacity raking

Keep tight control over cost and quality with the 35 rake Not only do you get clean raking at the right speed, but also the action to handle any crop from rank hay or thick sorghum to easily damaged beans One major reason Teeth are triple-grouped, rather than doubled, so they work like a fine-tooth comb—and they're rubber-mounted for flexibility and longer working life

- Rakes a 9-ft swath
- Hydraulic drive, tedds or rakes
- Offset wheels are right behind basket for best work in uneven ground
- Built-in provision for adding fifth tooth bar, 5-tooth grouping
- Dolly wheel attachment helps prevent tooth "dig in" over extra rough fields (Available with dolly wheels or jack)

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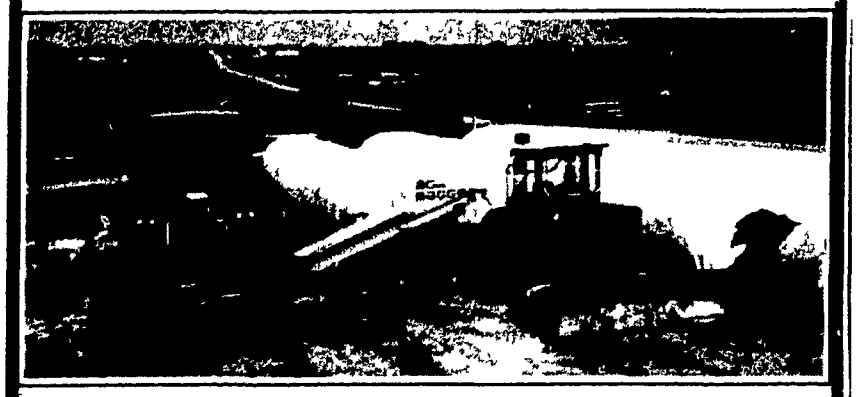
AG-BAG THE AFFORDABLE SYSTEM



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6. No loss of vitamins, minerals and proteins.
7. No freezing and no heating of crops.
8. Storage system adapts to ALL sizes of Farms.
9. Dependable - Low Maintenance - Easy Operation.
10. Machine is easily transportable.

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Badger JOHN DEERE HESSTON FARM EQUIPMENT

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TRACTORS
JD 2440, 800 hrs
IH 340 w/New Paint
MF 65 Gas
JD 70 Skid Loader
Case 1537 Skid Loader
JD 2640 w/Loader
JD 1010 D Crawler w/Blade

CORN PLANTERS
JD 1240 Plateless
IH 400 Cyclo 6 Row "Sharp"
IH 400 4 Row
JD 7000 4 Row

GRAIN DRILL
JD FB-B 17-7

PLOWS & DISK HARROWS
AC 2300 11' Disk
IH 370 12' Disk
KBA - JD Disk
JD 2450 7 Btm. Plow
JD 845 3 Btm 2-Way Plow
AC 3 pt. 3 Btm 16"
MF 3 pt. 3 Btm. 14"
JD 555 3 Btm

NEW EQUIPMENT SPECIALS

Hesston 1070 mower cond.	$4500.00
Hesston 2000-100 harvester w/pickup	$7500.00
JD 1710 11' mulch tiller	$5500.00
JD 125 Skid Loader	$12,500.00
JD 1010 15' field cultivator	$1995.00
Landoll 7 shank soilmaster.	$5150.00

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- VG4D std. shift, elec. start. $1725
- Ford 300 Gas short block. $750
- Ford 256 Diesel short block $1050

Wisc. VH4D 30 hp Crank Start Power Unit
w/clutch-reduction $1550
Electric start. $1830
Standard shaft $1380

B&S 10 h.p. Cast-Iron $325
Wisc. AENLD 9 h.p. w/cl.-reduction $945

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Vicon

NEW VERMEER SUPER SERIES BALERS
Call For Spring Terms
2-504F baler
1-605F Baler
1-MC 9 mower-cond., $6470
1-F100 bale feeders, $2495
3-504G balers
2-SR 1200 Irrigation Travelers — $19,000 ea.

NEW VICON EQUIPMENT
Spreaders from 400 to 2400 lbs. in stock
Cash Discount on '81 Prices
2-PTO tedder - rake
2-5 wheel 3 pt. hitch rake
1-8 wheel -V-rakes
1-6 Wheel Rake
1-8' 3 pt. hitch disc mower
1-RP 1200 Round Baler
2-8' Mower Conditioner

NEW HAYBUSTER EQUIP.
1-Tye 3 pt. no till drill
1-Bale Buster for mulching lg. round bales

MISC. NEW EQUIP.
2-Kelly log splitters engine drive
1-1450 lb. fert. spreader, $780

LAHMAN SKID STEER LOADERS
1-23 hp, 2 buckets, $6200

USED & DEMO EQUIP.
1-Vicon 15' power harrow, demo - $6000
1-Vicon 8' mower conditioner, used - $5000 ea.
1-504C Vermeer Round Baler - $3800
1-Oliver 7B Plow - $1300
2-IH Rakes

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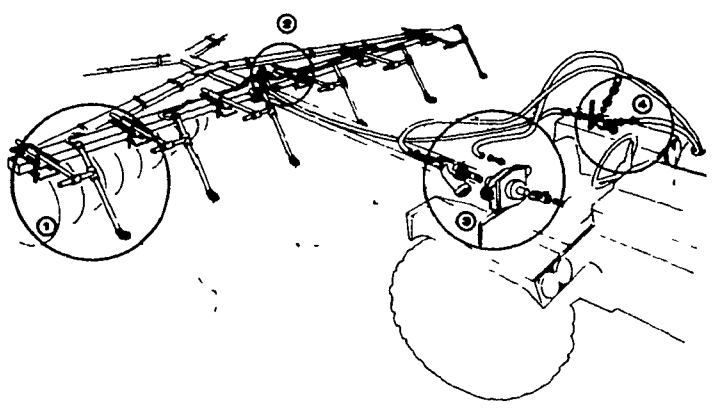
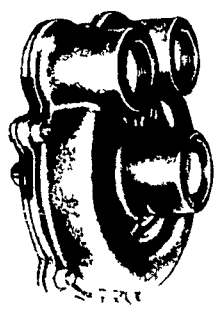


DELAVAN® Turbo™ 90 PUMP



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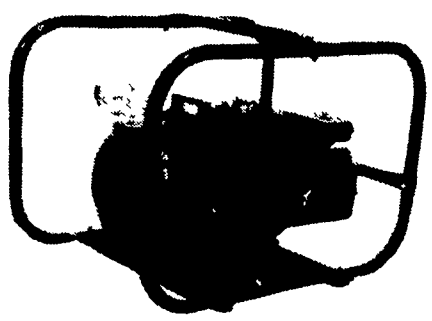

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RUGGED STEEL BALE WAGON

CHECK THESE FEATURES AGAINST ANY OTHER BALE WAGON — YOU'LL FIND OURS IS THE BEST!

....Eight foot wide inside by Eighteen feet long.
....Rugged square steel tubing.
....Fold down front gate w/diamond plate platform.
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....Unload from side, front or rear.
....Solid oak floor.
....Eight ton running gear w/universal bearings.
....With New 9.5Lx15 tires.
....Backed by Hoober Parts and Service.

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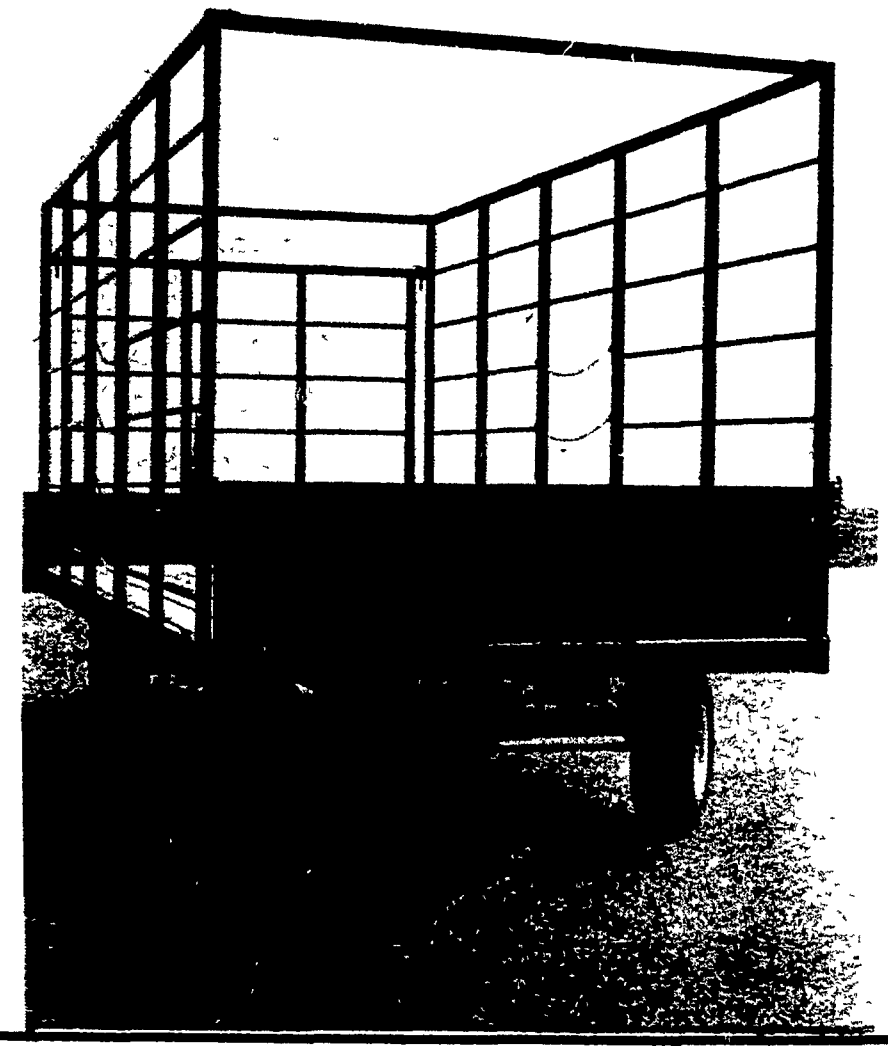

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IH 50 SERIES TRACTOR

Call Us For A Demonstration

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TRACTORS

7604 IH E 1466D
7516 IH 4586 4 WD
6594 IH 4366 4 WD
6432 IH F1586D
7302 IH F1486D
7372 IH F1466D w/cab
7573 IH F1466D w/cab
7379 IH F1456D w/cab
7440 IH F1086D
7078 IH 1066D
7273 IH F1066D Hydro
7569 IH 1066D w/cab
6452 IH F806D
7448 IH F986D w/ROPS
6186 IH F656D Hydro
7292 IH 544D Hydro
7385 IH 484D w/2200 Ldr.
7500 IH Farmall M
7059 IH Farmall M w/2M Cornpicker
6526 IH 125C Crawler Loader
7388 Kubota L245DT 4WD w/1200 Loader
7183 Steiger ST-251 Cougar III
7449 Ford 335 Industrial w/Loader
7305 White 2-155
7373 JD 8630 4WD
7380 JD 4030
7410 JD 4230
7131 MF 1085 w/Loader
7617 Case 4690 4WD w/20.8 x 34 Duals, 607 Hrs.
7616 David Brown 885 G, Turf Tractor

TILLAGE

7075 Krause 3209 Disk
7491 Krause 2416 Disk
7049 Krause 2413 Disk w/Tine Harrow
7184 Krause 2413 Disk
7550 Krause 1588 Disk
6798 IH 350 Disk 11'
4544 JD 330 Disk 24'
5440 JD KB Disk
7561 JD KBA 12' Disk
6972 JD 12' Offset Disk
6330 JD 310 12½' Disk
7577 JD 310 11' Disk
7525 JD AW 12' Disk
7157 Sunflower G2-12 Disk
5584 Sunflower G4-29 Disk
6033 AC 3300 24' Disk
7413 Oliver 252 10½' Disk
7572 Athens 163 11' Disk
7564 Brillion WP108 25' Crowfoot Packer
7562 IH 800 10F-18" Plow
7198 IH 720 6F-18" Plow
6982 IH 710 6F-18" Plow
6373 IH 700 5F-16" Plow
6470 IH 540 4F Plow
7543 IH 531 3F-16" Plow
7322 IH 1F Plow for Cub
7537 Binkley 2111 Digger Disc
6493 Glenco 11 Shank Soilsaver
7538 Brillion 20' Wing Field Cultivator
7504 IH 45 8½' Vibra Shank - Mtd
6740 IH 85 6R Frt. Mtd. Cultivator

COMBINES

7435 IH 1460
7437 IH 1460
6817 IH 1460
7495 IH 1440
7138 IH 915D
5742 IH 915D
7104 IH 815D w/763 Cornhead & 13' Grainhead
7244 IH 815D
7142 IH 715D
7236 IH 315 w/3R Cornhead & 13' Grainhead
6126 IH 503-C w/430 WN Cornhead & 13 5' Grainhead
7223 JD 3300D w/13' Grainhead 581 Hrs.
6098 NH 975 w/922 Cornhead & 13' Grainhead
7222 MF 510 w/63 Cornhead & 13' Grainhead
5373 MF 300 w/2R Cornhead & 13' Grainhead
7158 AC Gleaner F w/A330 Cornhead & 13' Grainhead
7098 NH TR70 w/962N4 Cornhead & 960 15' Grainhead

PLANTERS

3288 IH 400 8R Cyclo
6654 IH 400 4R Cyclo
6475 IH 400 4R Cyclo
6547 IH 500 6R Cyclo
7329 AC 600 8R Air Planter w/No-Til
7623 IH 56 4 Row
7625 White 4 Row, No Till

DRILLS

7567 IH 510 21x7 Comb w/DD
6975 IH #10 16x7 w/Grass Seed
7571 Ontario 13x7 w/Grass Seed

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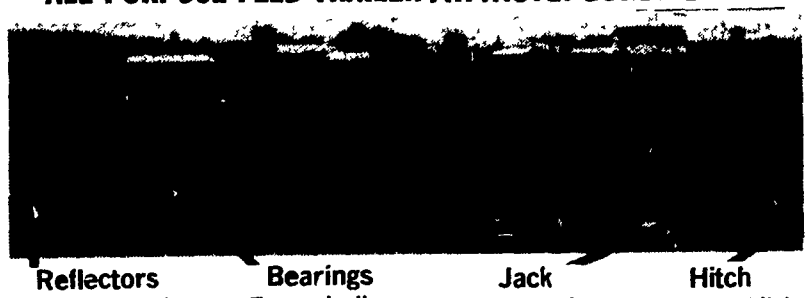
ALL PURPOSE FEED TRAILER All Metal Construction



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* Length 24' + hitch
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* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag

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Cub Tractor, w/attachments
IH 656 Dsl w/2000 Loader
IH Super C w/cult
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1206
IH 806
IH 706
IH 674 D
IH 656 D A-1 Cond
IH 656 Gas Farmall
IH 606 D
IH 544
IH 330
IH 06 Orchard Tractor w/Fenders
Case 800 D
Case 830
MF 165D
JD 70 Skid Loader
Case 1845 Skid Loader
Case 1816 Skid Loader
#10 Hydra Mac Skid Loader
Farmall H
Farmall Super H
AC B w/Cultı , Plow & Mower
Oliver 1750 Dsl New Tires

JD 4020 WF
Side Console

TILLAGE

JD 2600 5B Auto Plow Variable Widths
IH 710 4x16 Plow Reset
IH 710 3x16 Plow Reset
IH 560 6x16 Plow
Long 2x14 3 pt hitch plow
JD KBA 12' Transport Disc
JD 1640 13' Disc Harrow, Dual Wheels
MF 4 Row Cultivator
IH 19B Disc
IH 9A 8' Disc
IH 9A 11' Disc
IHC 370 11'6" Disc, nice
IH 45 9' Vibra Shank 2 pt hitch

PLANTERS

IH 400 4 Row no-till
JD 1240 Row
IH 449A 4 Row
IH 56 4 Row
IH 440 Baler w/Thrower
IH 46 Baler
IH 510 18x7 Comb Drill, Like New
IH MF 16x7
MM 16x7

FORAGE HARVESTERS

IH 650 2R Head and Pickup
IH 555
Fox 3000 2R Head and Pickup
IH #16 1R Head and Pickup
Fox Custom 90
Fox 1000
NH #818
Brady 722 Flail Chopper

FORAGE WAGONS

Gehl 710
Gehl BU 85
AC
NH #6
VanDale 185 Mixer Wagon w/Scales
IH 1150 Grinder Mixer
Cory 8 Ton Running Gear

MOWER CONDITIONERS

IH #225 SP
IH 990
NH 479
Hesston 1014
OMC 216
NI 270 Cut/ditioner
JD Hay Tedder
Grimm Hay Tedder Ground Driven
Farmhand Windrow Turner
NI 290 Windrower
IH 100 2 pt Mower
IH 28 Rotary Mower
IH U528 Sickle Mower
705 w/Super Chopper and 3RN C H and Hay Pickup
767 Forage Harvester
702 w/Combine
729 A Shelter
737 Husking Bed
726 Husking Bed
NI 744N Corn Head
770 Feeder House
741 Feeder House
724 3RW Corn Head
NI 324 Corn Picker
Oliver #5 Corn Picker
IH 234 Corn Picker
IH 205 Combine
IH 303 Combine
IH 715 Combine
IH 915 Combine

MANURE SPREADERS

NI 224 375 Bushel
NI 244 325 Bushel
NI 245 375 Bushel
NI 218 325 Bushel
NI 213 165 Bushel
NI 214 200 Bushel
NH 676-275 Bushel
IH 540 Spreader
IH 2000 Loader
IH 155
JD 760
Starline
JD 10' Fert Spreader
Badger BN102 10' Pump
NH 12' Fert Spreader
Lely 2000 lb 3 pt Fert Spreader
NI 3 pt Hitch Fert Spreader
Dual Wheels w/15x5x38 Tires

BLOWERS

IH 56
Fox 280
Hussler 56
Fox 44 Table, belt driven
Kools KB60

SPRAYERS

Walsh 500 Gal Sprayer
Demco 500 Gal Sprayer
Century 200 Gallon
Century 125 Gallon

2% Cash And Carry Discount on All Parts

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FRINK & VALK Snow Plows

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New Holland Loaders

New L35	37 hp	$13,500
Used 775	65 hp	$7,500
Used L35		$8,500

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Sales Rentals Service
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MF Massey Ferguson

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LEOLA, PA. 17540 PH: 717-656-2321

Located 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED CORN HEADS

MF 83 8 Row 30" (2)	@ $7000.00
MF 63 C 6 Row 30" (2)	@ $2500.00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38" (3)	@ $2100.00
MF 43 4 Row 30" (1)	@ $2500.00
MF 33 3 Row 30"	$2500.00
MF 24 2 Row 38"	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 621 4 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head	$5700.00
(4) MF 1 row Corn Head for 200	@ $900.00
MF 22 Bale Thrower	$1520.00
(2) Farmhand F7 Hay Rake	@ $1995.00
Farmhand M 25 Hay Rake	$975 00
Niemyer Hay Tedder	$1525.00
(2) Mott 3 pt 72" Flail Mower	@ $1500.00
(4) Farmhand Corn Processor	$4500.00
(4) Conveyor For Above	@ $950 00
MF 468 6 Row Cornplanter	$2588 00
Farmhand 815 Grinder Mixer	$4900.00
EZ 14' Forage Box, Roof, 10 Ton Gear	$4015.00
EZ 14' Forage Box, 10 Ton Gear	$3715 00
EZ 14' Forage Box, 1074 Gear	$3950 00

TRACTORS USED

AC 7045, Power Shift, Only 120 Hrs	$26,500
MF 1800	$15,500
MF 1155 8 Sp	$11,000.00
MF 33 Wheel Loader	$9000 00
NW 71 Skid Steer	$8000.00
Long 9500 Diesel	$4500 00
MF 2675	$20,000 00
MF Super 90 Diesel	$4,500 00
JD 4430 Less Cab	$15,000
MF 1130 engine overhauled	$8000
MF 275 w/Loader	$12,000

DEMO TRACTOR

MF 2775 24 Sp	$29,000.00
(2) Ind 20C Tractor Cabs	@ $1500 00
MF 4840, 265 Hp , 18 sp 3 pt P T O	$59,000 00

NEW & DEMO MISC. EQUIP.

York 6' Scraper	$230.00
(4) York 7' Scraper	@ $250.00
York 7' Scraper	$500.00
York 8' Scraper	@ $550.00
MF 226 Scraper (3)	@ $460.00
MF 8 10 Ton Gear 11L	$1140.00
MF 7 8 Ton Gear	$775.00
MF 86 12 Ton Tandem Gear	$1525.00
EZ Pincor Gear	$250.00
MF 5 Ton 5th Wheel Gear	$300.00
EZ 672 6 Ton Gear	$675.00
EZ 872 8 Ton Gear (3)	@ $830.00
EZ 1074 10 Ton Gear	$1050.00
MF 216 Q A Loader	$1750.00
MF 32A Loader	$3500 00
Dunham 22 Loader (2)	@ $2550.00
Danuser Post Hole Digger	$875.00
Little Giant Corn Drag	$780 00
EZ 170 Bu Gravity Box (2)	@ $530.00
EZ 220 Bu Gravity Box	$900.00
Danuser Post Driver	$1300.00

NEW & DEMO PLOWS & TILLAGE

MF 43 2-14 Plow	$1060.00
MF 129 3 pt Chisel Plow	$1375.00
Amco F17 32 Disc Harrow	$5200.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 730 Disc Harrow 10'	$4950.00
Dunham 14' Cultipacker	$1350.00
MF 428 4 38 Cultivator	$1250.00
MF 620, 12' Disc Harrow	$4950.00
Glenco 7 Tooth Soil Saver	$5600 00

USED PLOWS & TILLAGE

MF 520 Disc 10'	$1500
Brillion 15' Cultimulcher	
Oliver 4x16 Semi-Mtd Plow	$1000
Ford 5x18 Semi Mtd Plow, Auto Reset	$2000
IHC 16' Vibra Shank	$1500
JD 28' Rotary Hoe	$1800

USED HAY - FORAGE & PLANTING

MF 1050 Grinder Mixer	$3850.00
Brady 1680 Flail Chopper	$2900.00
New Idea 315 Picker Sheller	$1800.00

WE SOLD 20 NEW MF COMBINES LAST WINTER.
CONTACT US NOW FOR THE BEST SELECTION OF GOOD USED COMBINES.

USED COMBINES

1980 MF 760 V8, 15 ft Floating Header, 1163 Corn Head	$62,000 00
1980 MF 760 V8, 15 ft Floating Header, 1163 Corn Head	$57,000.00
1980 MF 750 Hydro , 13 ft Grain Head	$49,500.00
1980 MF 750 Gear Drive, 20 Ft Floating Header	$41,000.00
1980 MF 550 Hydro	
1979 MF 760 V8, 14 Ft Grain Head, 1163 Corn Head	$51,000.00
1979 MF 760 V8, with Grain Saver & Chopper	$45,000.00
1978 MF 760 V8, with rear Wheel Drive & Grain Saver	$48,000.00
1978 MF 510 Hydro, 13 Ft Grain 4 Row Corn Head	$27,000.00
1977 MF 750 Hydro, 16 Ft Floating Header	$38,000 00
1977 MF 750 Hydro, 14 Ft Grain Head, 63 Corn Head	$37,000 00
1977 NH TR 70	$22,000
1976 MF 750 Hydro, 14 Ft Grain Head, 44 Corn Head	$38,500 00
1976 MF 750 Hydro, 14 Ft Grain Head	$29,000 00
1976 MF 750 Gear Drive, 14 Ft Grain Head, 1144 Corn Head	$31,000.00
1975 MF 760 V8, 18 Ft Floating Header	$33,000.00
1975 MF 760 V8, 15 Ft Grain Head	$29,000.00
1975 MF 300 Gas, 13 Ft Grain Head	$11,000.00
1974 MF 510 Diesel, 16 Ft Floating Header	$17,500.00
1974 MF 510 Diesel, 13 Ft Grain Head, 43 Corn Head	$19,500.00
1974 MF 510 Diesel, Less Heads	$15,000.00
1972 MF 760 Gear Drive, 16 Ft Grain Head	$19,500.00
1972 MF 510 Diesel Hydro, 13 Ft Grain Head	$14,500.00
1970 MF 510 Diesel Hydro, Less Heads	$12,500.00
1968 MF 510 Diesel, 13 Ft Grain Head, 43 Corn Head	$15,500.00
1968 MF 510 Diesel, 13 Ft Grain Head	$12,500.00
1968 Gleaner CII, 13 Ft Grain Head, 4 Row 36" Corn Head	$8500.00
MF 510 Gas, 12 Ft Grain Head, 421 Corn Head	$9000.00
IH 315 Gas, 12 Ft Grain Head, 2 Row Corn Head	$7900.00
IH 315 Gas, 12 Ft Grain Head	$4900.00
IH 141, 10 Ft Grain Head	$2000.00
IH 303, 10 Ft Grain Head, 2 Row Corn Head	$3900 00

WE WILL BE CLOSED THURS. MAY 20th IN OBSERVANCE OF ASCENSION DAY

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NH 273 Baler . $1750
NH 278 Baler
NH 269 Baler w/thrower $1650
NH 479 Haybine $2775
MF-NI Mower Conditioner $1195
NH 278 Baler
269 Baler w/thrower . . $1150
Starline 810 Flail Spreader $775
(2) NH 518 Spreader w/hyd endgate . . $1600 to $1750
JD 44 Spreader 450
IHC 550 Fg Harvester w/pickup & 2R Adj. Heads . . . $895
NH 717 Forage Harvester
NH 880 N3, R2 Cornheads
NH 269 Baler. . . $1150
JD "60" PTO Blower $475

Call for prices on other equipment

SPECIAL PRICES ON NEW

NH 892 Harvester and Heads
NH L35, L325 Skid Loaders
NH 310 Baler
NH Mowers, & Rakes
NH 489 Haybine
NH 14, 230, 234 Wagons
NH 513, 800 Flat Bed Spreaders
3200 gal. Spreader with injector

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2440
2940
2940 MFWD (Call For Special Low Price)
4440 SGQR
2700 4 BTM Plow (Reg. $9070.00, Special $7470.00)
215 12'10" Cushion Gang (Reduced Call For Price)
315 12'2" Disk
950 12' Roller Harrow (Reg. $5730.00 Special $4430.00)
12' Lever Harrow (Reg. 1302.00 Special 1000 00)
RM4 Cultivators (Reg. 2966.00 Special 2100.00)
215 Grain Platform
1209 Windrower
660 Rake
350 7' 3 Pt. Mowers
337 Baler
3960 Harvester w/Any Heads
5720 Harvester w/Any Heads
27 Flail Shredder
7000 Conservation Planters 4R & 6R Dry or Liquid

USED MACHINERY

JD 2240 w/146 Loader (1200 hrs.)	$12000.00
JD 60	$1800.00
JD 170 Skid Loader	$4500.00
3 - 1440 Planters No-Till From	$3200.00-$4000.00
1240 Plateless Planter	$2000 00
1240 Plate Planter	$1000.00
694A Plate Planter	$750 00
336 Baler w/30 Ejector	$3800 00
JD Quick Tach 15' Grain Head	$3000 00

SMITH'S IMPLEMENTS, INC.
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1 - M & W Model 255A Continuous Flow Grain Dryer.

1 - 60'x6" Grain Elevator

1 - 19,000 bushel Grain Bin - 36 feet across 7 rings high with drying fan and clean out sweeping auger

These items will be sold May 28, 1982, property of Ralph W. Horst,

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The Vicon KM-240 cuts and conditions the tallest, tangled, wettest, heaviest, hay This new mower-conditioner eliminates a pick-up reel, so you can put up more hay - FASTER. With a working width of 7'10", it can mow twice as much area in a day as most competitive models Most competitors use a pick-up reel, which limits ground speed, adds maintenance problems and allows leaf loss

The Vicon six-disc cutter bar feeds your crop directly, stem first, into rubber rollers that condition green hay or wet grass It dries faster and bales easier, saving time and labor.

The KM-240 has no chains, no belts, no sickle bar *If you need only a mower, look at the Vicon CM-165* (4 discs-5½' working width) or the CM-240 6 discs-7'10" working width) Both make clean cuts in heavy grass or tangled crops

See at TRIPLE H EQUIPMENT or RED WING FARMS or Ask For a Free Demonstration
New Special Cash Discounts on all Vicon Equipment
Mowers — Rakes — Power Harrows — Seeders — Round Balers

Triple H Equipment
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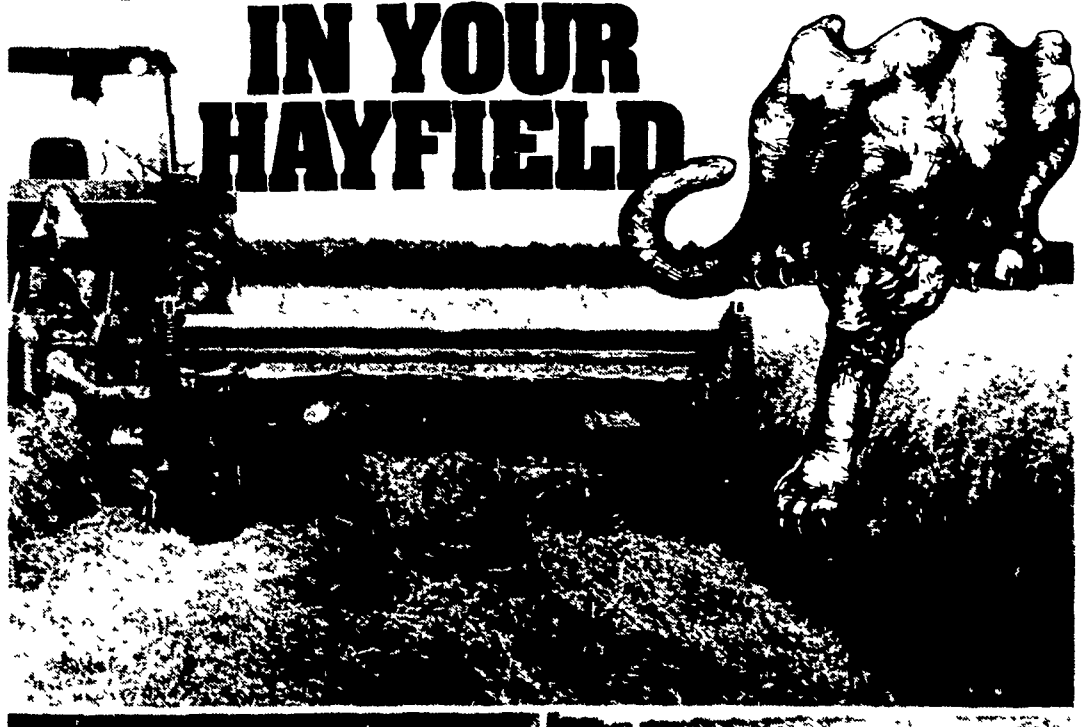
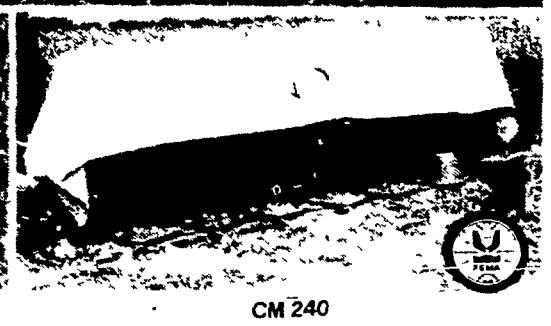
Vicon

Red Wing Farms
RD 1378, Fleetwood, PA
215-944-0791

TURN A VICON LOOSE IN YOUR HAYFIELD



CM 165



CM 240

BLUE

FEATURES:

UNBEATABLE ACCURACY
- Blue Metering Pump – L 1094 or L-4400
- Speed Sensitive – Set It And Forget It
- Press Wheel Drive

SINGLE UNIT CONVENIENCE AND EFFICIENCY
- Twin 200 Gallon Polyethylene Saddle Tanks
- Metering Pump
- Pump Mount
- Press Wheel
- Side Saddles
- All Mount Together In One Package – Easy On And Easy Off

VERSATILITY
- Pumps Meter Liquid And Suspension Fertilizer And Herbicide
- Use With Planters Discs Our 30 Feet Boom or Other Application Packages

BLUE

FEATURES:
- 500 Gallon Tank (Stainless Steel or Polyethylene)
- 6 000 lbs Capacity 2-Wheel Cart
- Press Wheel Pump Drive (Manual or Hydraulic)
- John Blue s L-4400 or L-4900 Metering Pump
- 30' Boom 40' Boom or 40 Truss Boom
- Without Boom It Can Be Used As Nurse Unit
- 60 –90' Adjustable Tread Width
- Venturi Agitation or Sparger Agitation–Blue s Hydraulic 2" Centrifugal or PTO Centrifugal Pump
- Low Clearance Chassis–12 1/2" (Under Axle) or High Clearance Chassis –26 (Under Axle)

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FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

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Introducing Our New Line...

Vicon

NEW EQUIPMENT:
Vermeer 504F Baler
11 Scranton Bale Feeders
Vermeer & Scranton Bale Movers
Haybuster Big Bale Buster (For Mulching Big Round Bales)
Martin S1263 Spreader

USED EQUIPMENT:
1 MF 9' Haybine
1 Hawk Bilt 257 Tank Spreader
1 Brady Flail Shredder

NEW Vicon MACHINERY!

(2) 4 Wheel 3 pt Hitch Rakes
(1) 6 Wheel Trailer Rake
(1) 8 Wheel V-Rake
(1) 600 Lb. Fert Spreader
(1) 950 LISOLD Spreader
(1) 1900 Lb. Fert. Spreader
(1) Vicon 8' Mower Conditioner
(1) Vicon 8' Mower

★ SPECIAL SPRING DISCOUNTS ON ALL VICON MACHINES!

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INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW EQUIPMENT SPECIALS

IH 550 Spreader 249 Cu' $4845 . . . . . $4100
IH 540 Spreader 210 Cu' $4233 . . . . . $3650
IH 2250 Loader w/Bucket $3621 . . . $2975

NEW TILLAGE EQUIPMENT SPECIALS

REBATES UP TO $900 ON PLOWS AND DISCS THIS MONTH

IH 510 4-18 Plow $4250
IH 510 5-18 Plow $4650
IH 720 5-18 Toggle SOLD . . . $6200
IH 720 6-18 Toggle on Land . . $8250
IH 490 20'6" Hyd. Fold w/Cyl. $9500
IH 415 Packer Mulcher 12'2" 19" Packers w/Cyl . . $4950

USED TRACTORS

IH 886D w/cab nice. . . . . Coming In
IH 186 D w/cab hydro nice . Coming In
IH 966, D w/WF & 2 pt. $12,500
IH F-M. $1350
IH F 300 Gas w/2 pt . . . $1750
IH F460G, (nice) $3250
IH 856 w/WF & 3 pt . . . $8950

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker . . . $950
Fox 1 Row Corn Head for a 546 $150

USED HAY EQUIPMENT

IH 990 9' mower conditioner $2350
IH 37 Baler w/thrower . $1800
IH 15 Rake . . . $375
IH 27 Baler w/thrower . . $1500
IH 430 Baler w/thrower . . $2650
Gehl 72 6' Flail Chopper $800
Grove Forage Box w/roof $850

USED TILLAGE

IH 53 4R 2 pt. cultivator, nice $1450
IH 720 6f 18" like new w/cylinder, toggle trip $6500
IH 37 10' Disc $1075
IH 540 4F 16" w/cyl. plow . . $1350
IH 710 5F 16" plow w/cyl. . . . $2250

USED SPREADER AND MISC.

JD 79 Tub Spreader $850
NI Model 2M Spreader (Nice) . . $1350

USED PLANTERS AND DRILLS

IH 56 4 row w/insect $1950
IH 400 4 row 38" $2500
JD 494 A w/new hoppers . . . $1350
Ontario 14x8 drill (nice) $850
IH 400 6 R 30" Planter, w/insect. $4500
IH 455 4R w/cyl. & insect . . . $1500

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Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

MF Massey Ferguson

9% Financing for 1 year or rebate on new MF tractors and combines

NEW EQUIPMENT

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 154-4 diesel
MF 4880 diesel tractor
MF 540 diesel combine
MF 860 diesel combine
MF 1143, 1144, 1163 corn heads
MF 13' and 15' tables and Ull reels
MF 39 planter
MF 640 planter
MF 880 plow
MF 124 baler w/throwers

USED EQUIPMENT

JD 4020 tractor $7950
Farmall Super H tractor
David Brown 1200 diesel tractor
Case 470 diesel tractor w/loader
MF 135 tractor
Pony tractor with cultivators, one bottom plow, snow blade
NH 850 round baler
MF 760 combine 16' head
2 MF 510 diesel combine

Renting skid steer loaders.

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Large Inventory of New & Used Equipment

ABRACZINSKAS Farm Equipment, Inc.

RD 1, Catawissa, PA.
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(south on Rt. 42)

NEW TRACTORS

JD 750
JD 1050
JD 2440
JD 2940
JD 125 Ski Steer Loaders, Dsl. & Gas
JD 125 Skid Steer Loader Gas $12,500
JD 90 Skid Steer Loaders

NEW MACHINERY

JD 445 Spreaders N/T $3975
JD 235 19' Disc
JD 1207 Mower Conditioner
JD 1209 Mower Conditioner
JD 2700 5x18 Plow
JD 1250 Plow 3x16 $1800 N/T
JD 1250 Plow 4x16 $2450.95
JD 7000 Conservation Corn Planters 4R & 6R
JD 16x10 FF Drill
JD 327 Baler w/ejector
JD 347 Baler w/ejector

USED MACHINERY

JD 6600 Side Hill Combine w/15' platform 1978 model $45,000
1-JD 55 Combine, 235 C H and 12' Platform $8500
1974 IH 100 Hydro Tractor Motor overhauled March 1981
JD 2840 Tractor $14,000
AC 6080 Dsl. Tractor
IHC 1066 Diesel Tractor w/cab, air, & heater $16,000
JD 145 Plow, 5B 16" $1800
JD 24T Baler w/#30 Thrower $2725
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine
JD 800 SP Windrower $3500

WALTER'S SALES & SERVICE, INC.

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Mifflinburg, Pa.
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JD Agricultural Dealer and CP

TRACTOR
Case 1170
cab - 8 speed
120 H.P.
$12,500

TRACTOR
Case 1370
cab - air - heat
power shift
$15,000

MOW-DITIONER
DEMO N.I. 299
9 foot cut
$4300

UNILOADER
'79 Case 1845 G
12 x 16.5 tires
new bucket
1200 hours
$11,000

UNILOADER
'79 Case 1845 D
12x16.5 tires
new bucket
900 hours
$11,500

10% FINANCING
on new and used uniloaders; finance charge for 1 year contract on $11,000. is only
$600

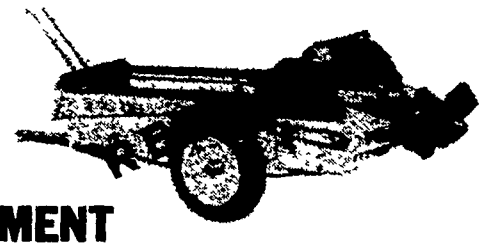
WAIVER OF FINANCE ON USED TRACTORS TILL OCT. 1, 1982

SPRING SPECIALS - NEW EQUIPMENT

- Martin Model 1263 Scavenger, Demonstrator $6100
- Bush Hog 10 ft. Offset Disc $5400
- Bush Hog 12 ft. Offset Disc $6300
- Case 12 ft. Chisel Plow $1800
- Case 1816B Uniloader. $5900

206 GROUND DRIVE SPREADERS

IN STOCK



USED EQUIPMENT

TRACTORS
Case 1170 Cab
Case 1070 D
IH 660 D
AC 7080 C-A-H
DB 1200 D

NEW IDEA
206 Spreaders
325/314 Picker Sheller
329 Super Sheller
323 Picker, Clean

LOADERS
1530 Uniloader
Uniloader Broom
1845 D
Case 580 CK. Diesel

UNI-SYSTEM
701 Power Unit
702G w/combine
767 harvester
762 row crop
730 4RW Head

FORAGE
Gehl 600 harvester
J.D. 65 blower
N.H. 1880 SP
J.D. 216 forage box
J.D. 125 forage box
Stauffer forage box
IH 56 blower

MISCELLANEOUS
Ford 101 plow
Hesston PT 10
NH Lime Drill
NH 516 S Spreader
Case 12' Disc Harrow
Glencoe 7' Chisel
Wetmore 878 grinder mixer
Gehl 120 grinder mixer

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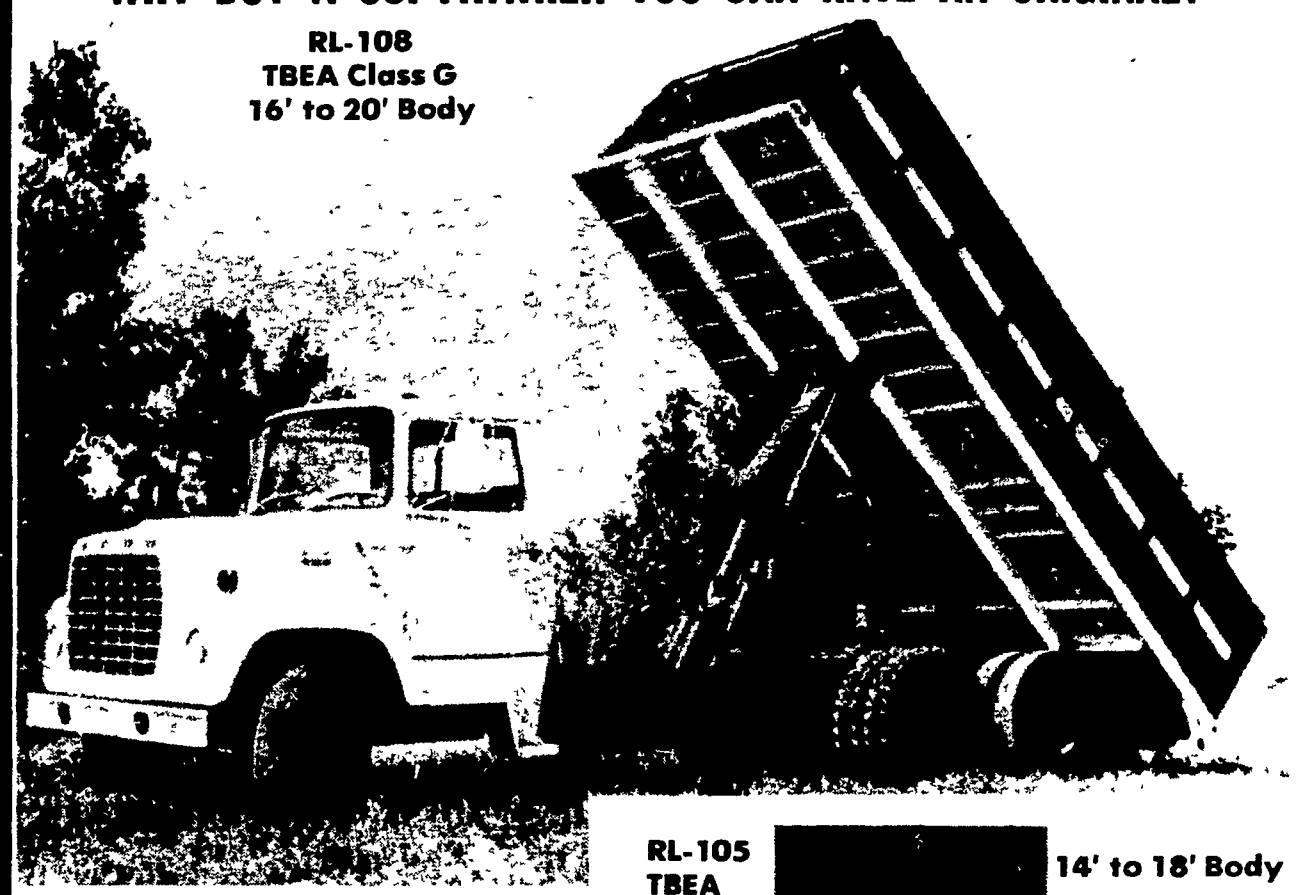
case NEW IDEA GEHL Gets into your system BUSH-HOG

HARSH HOISTS

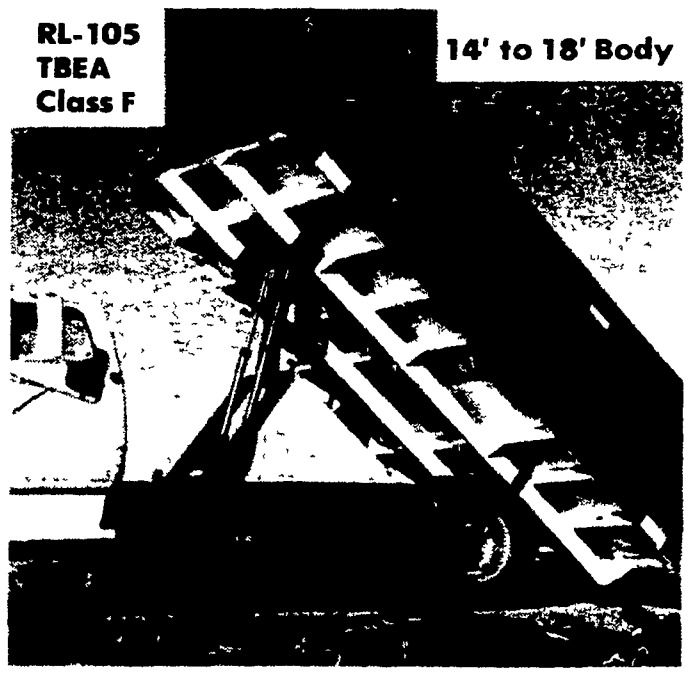
WHY BUY A COPY...WHEN YOU CAN HAVE AN ORIGINAL?

RL-108
TBEA Class G
16' to 20' Body



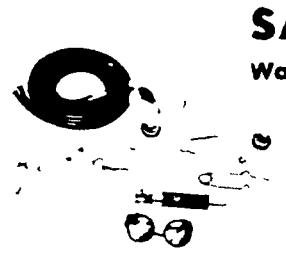
- Thirty years as the leader in hoist design and research makes HARSH the name to be trusted in hydraulic hoists.
- Unique telescopic scissor hoist.
- Models available to fit 12-26 ft. bodies.
- The one-piece Rigid-Lift hoist weighs less than the competition's hoist and "add-on" unit.
- HARSH's one-piece unit is quickly installed.
- And best of all, the price of an original HARSH Rigid-Lift hoist is competitive with all the copies!

RL-105
TBEA
Class F
14' to 18' Body



HEAVY DUTY COMBINATION WELDING and CUTTING OUTFIT

SAVE $30.00
Was $249.50 Now $219.50



- Cuts To 3" Thick
- Operates On Both L.P. Gas and Acetylene
- Heavy Duty Brass Regulators
- Includes Spark Lighter Goggles and Simplified Instructions

113 - 005 - 000
Heavy Duty Out

CENTURY

USED WHITE 508
4 Bottom 18" Plow, Semi-Mtd., Spring Automatic Reset, Disc Jointers, Gauge Wheel, Hydraulic Lift Cylinder with Hoses
Like New $4500.00

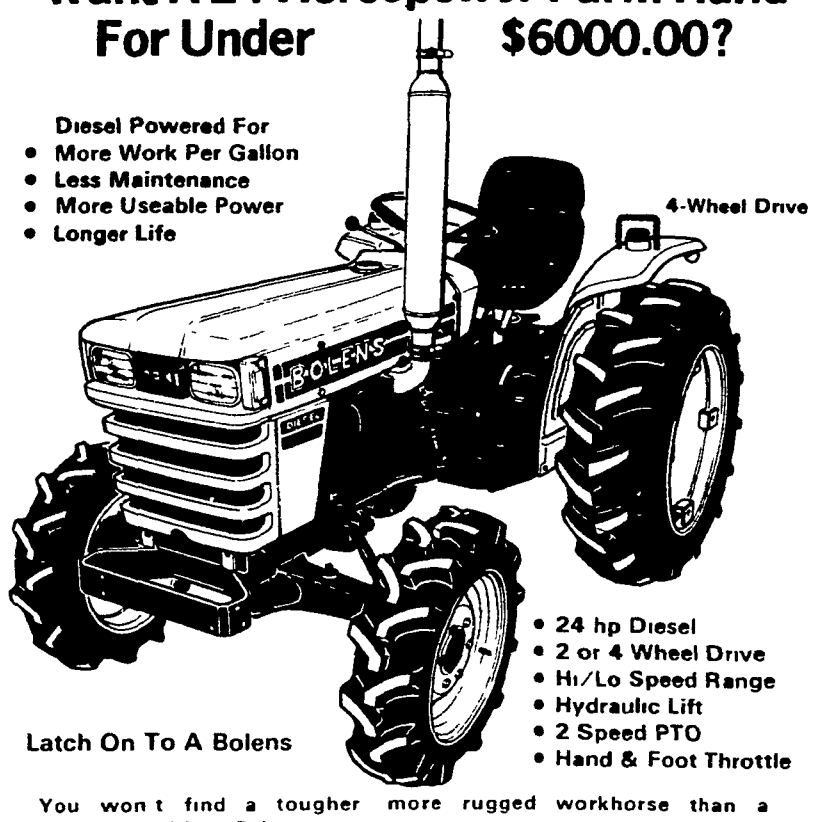
NEW WHITE 348
3 bottom 16" Plow, 3 pt., Spring Automatic Reset, Coverboards, 20" Spring Cushion Rolling Coulters, Rolling Landside
List Price.....$3620.00
Our Special $2750.00

NEW WHITE 255 DISC HARROW
10 ft. 4 in., 32-7 Gauge Blades, New 9.5L-15x8 ply Tires, Disc Levelers,
List Price.....$4630.00
Our Special $3500.00

NEW WHITE 256 DISC HARROW
12 ft. 8 in., 40-7 Gauge Blades, New 9.5L-15x8 ply Tires, Disc Levelers
List Price.....$5335.00
Our Special $4000.00

Want A 24 Horsepower Farm Hand For Under $6000.00?

Diesel Powered For
- More Work Per Gallon
- Less Maintenance
- More Useable Power
- Longer Life



4-Wheel Drive

- 24 hp Diesel
- 2 or 4 Wheel Drive
- Hi/Lo Speed Range
- Hydraulic Lift
- 2 Speed PTO
- Hand & Foot Throttle

Latch On To A Bolens

You won't find a tougher more rugged workhorse than a rugged Diesel from Bolens

USED PLANTERS
WHITE 5400 PLANTER
6 Row, No-Till, Granular Fertilizer & Insecticide Monitor

WHITE 5400 PLANTER
4 Row, No-Till, Granular Fertilizer & Insecticide Monitor

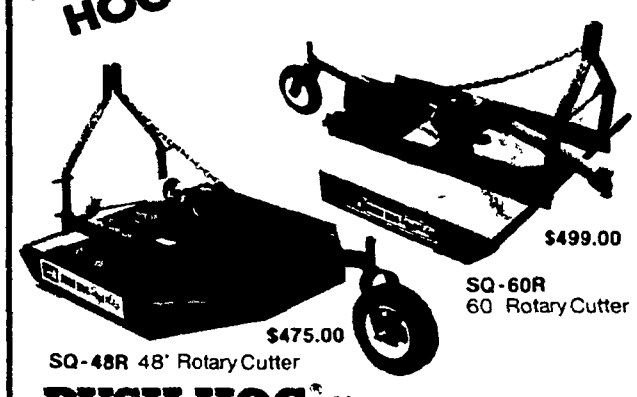
NEW PLANTERS IN STOCK
WHITE 543
4 Row, Wide or Narrow Granular Fertilizer and Insecticide

WHITE 5100
4 Row, Wide or Narrow Granular Fertilizer and Insecticide

WHITE 5100
6 Row 30" Granular Fertilizer and Insecticide

USED OLIVER TRACTOR PARTS
- Wide Front Axle Assembly 1550-1955
- 1655 Diesel Engine Block
- Hydra Power for 1600
- Reconditioned Crankshaft for 1755 Diesel
- 1600 Gas Engine Block

BUSH HOG SQUEALERS



$499.00
SQ-60R 60" Rotary Cutter

$475.00
SQ-48R 48" Rotary Cutter

BUSH HOG® ALLIED PRODUCTS CORPORATION

Call For More Information

USED WHITE 5400 6 ROW 30" PLANTER
Granular Fertilizer and No-Till Monitor
$5000.00

USED 1976 CHEVY C30 TRUCK

with New Omaha Standard 10 ft. Grain and Cattle Body, Hoist Truck was Completely Rebuilt by Us. Stop In and See This One.

FARMERSVILLE EQUIPMENT INC.

VISA

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
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Hours: Mon., Tues., Wed. & Fri. 7:30 A.M. to 5:30 P.M.; Thurs. to 8 P.M.; Sat. till 3 P.M.

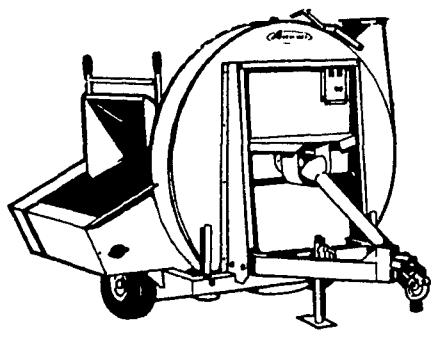
Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Spring Special...

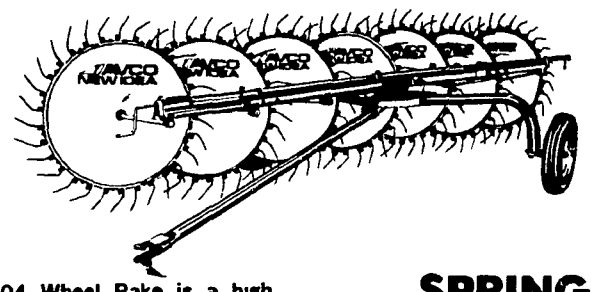
NEW IDEA MODEL 621 FORAGE BLOWER



New Idea's 621 Forage Blower is a rugged, high capacity model for better performance than ever before. It features a husky 57" fan for medium to large operations. Comes with a standard adjustable tongue that makes tractor hook-up fast and simple...

SPRING SPECIAL $1,700

NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain

SPRING SPECIAL $1,150

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AVCO® NEW IDEA

USED TRACTOR SPECIALS

JD 950 27 h p Dsl. w/loader, 650 hrs.	$6950
JD 1020 G w/loader, 975 hrs.	$5500
IH 656 Farmall Gas	$5750
AC 190XT Dsl.	$7500
JD 2840 w/cab, air, 900 hrs.	$16,500
JD 4320 w/roll guard, canopy	$12,500
JD 4620 w/cab	$17,500
JD 630 w/cab, air	$17,500
JD 4430 cab, air, QR	$19,750

USED EQUIPMENT

JD 6600 Combine, rotary screen & hydro
JD 7700 combine
JD 7700 Hydro. combine, rotary screen, auto hdr.
JD 443 CH
(2) JD 444 Corn Heads
(2) JD 643 CH
JD 16' Platform
JD 15' Quick Tach Platform
JD 494A Planter w/fert.
IHC 500 Cyclo 6R Planter
JD 7000 6R narrow w/dry fert.
JD 1240 Plateless
IH 56 6RN Planter w/fert.
JD 12 row tool bar, maxi-merge, no-till coulters
JD 230 21' Disc
JD 310 13' Disc
JD KBA 10' Disc
Sunflower 24' Wing Disc
JD BWA 13'10" Disc
White 15' Disc
AC 3300 14' Disc
JD F145 5x16 plow
IH 4x14 Pull Plow
JD F1450 6B plow w/mid west rakes
JD 24T Baler
JD 25 Forage Harvester 3 pt.
Davis 20+4 Hydro Trencher
JD 5' Pull Type
JD 307 6' Rotary Mower
JD 606 3 pt. Rotary Mower
(2) RG4 Cultivator
Lilliston 6R Rolling Cultivator
JD 15x7 Grain Drill
JD 37 Loader
Gehl 72 Flail Chopper
NH 469 Mower Cond.
JD 12' Packer
Dunham 10' Packer

We also have for rent a Tye 160" no-till drill for no-till soybeans as well as no-till small grains.

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CFH, INC
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755-6608
275-2195
Evenings Call Gary 301 885-2248

NEW EQUIPMENT

TRACTORS
JD 650 MF WD
JD 850
JD 950 $6995
JD 2040
JD 2240 $12,995
JD 2440
JD 2640
JD 2940
JD 4240 w/SG & QR
JD 4440 w/SG & QR

TILLAGE EQUIPMENT
JD 215 11'5" Disc $4450
JD 235 19'11" Disc
JD RM4 cultivator
JD 2800 5B Plow
JD 1250 3B Plow

HAY TOOLS
JD 1209 Mower Cond. $6750
JD 1320 Mower Cond. (Demo) $8500.
NH 474 Haybine $5650
NH 258 Rake
Thrower for 320 Matthews 9E Rotary Scythe $4250
JD 327 Balers
NH 847 Round Baler $8950
NH 38 Crop Chopper $4995

COMBINES & HEADS
JD 215 Flex Platfrom
JD 444 Corn Head
JD 6620 Combine

OTHER EQUIPMENT
JD 75, 145, 148, 158, 260 Loader
JD 506 Mower
JD 965, 1065 Wagons
JD 78 Blade
JD 392 Spreader $850
NH 679 Spreader $6350
NH 14, 230, 234 Wagons
Century 300 gal. Sprayer $2700
Century 500 Gal. Sprayer $3200
Hub 36' Elevator $2350
DeLaval Manure Pump $4500

PLANTING EQUIP.
JD 7000 Consv. Pltrs. 4R & 6RN
JD 8200 Plain Drills
JD 8350 Fert. Drills

USED EQUIPMENT
JD 4230 Tractor w/RG $15,500
NH 791 Manure Spreader
JD 54 Manure Spreader
NH 276 Baler w/thrower
NH 320 Wire Baler w/hydraformatic & quarter turn chute

JD BONUS BONANZA ON HAY EQUIPMENT AND DISC HARROWS. ALSO TRACTOR BONUSES

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WAIVER OF INTEREST ON MANY ITEMS
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215-257-5135
Quonset Buildings

Priced to Sell!!! **NEW EQUIPMENT SPECIALS...** Priced To Sell!!!

WHITE FARM EQUIPMENT

White 2-30 2-Wheel Drive Tractor	$5995
White 2-45 2-Wheel Drive Tractor	$10,995
White 2-62 4-Wheel Drive Tractor	$15,995
White 2-70 2-Wheel Drive Tractor	$15,995
White 543 6-Row No Till Planter	$7995
White 254 10'4" Disc Harrow	$2395
White 285 12'6" Field Cultivator	$1995

NEW HOLLAND

NH 303, 3264 Gal. Liquid Tank Spreader	$8495
NH 519, 217 Bu. Spreader w/Hyd. End Gate	$4695
NH L425, 30-HP Skid Loader (Demo)	$9995

★ Free Finance On Spreaders & Grinder Mixers to Sept. 1, 1982

Bobcat 530 23-HP w/2 Buckets $8295

bobcat

We're looking for work
KUBOTA

L185 DT $5295
L245 DT w/Loader $7995

DURHAM LEHR INC.
Dunham 12 Ft. Cultimulcher $4295

WOODS

RB 700, 7 Ft. 3 Pt. Blade	$495
M5P, 5 Ft. 3 Pt. Mower	$675

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Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

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50TH ANNIVERSARY
OUR LARGEST DUTCH AUCTION EVER!

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717-867-5161 or 717-867-2613

—USED EQUIPMENT—

ITEM	STARTING PRICE	DAILY REDUC.	PRICE ON 5/15
Cobey Manure Spreader - 130 bu., 2 beater	$1175.00	$ 3.00	$908.00
Ford Chisel Plow - 9 tooth, 3 bar	$1375.00	$ 3.00	$1108.00
Gehl 600 Harvester with 2 row wide corn head (1139)	$1995.00	$ 4.00	$1639.00
Grove Unloading Wagon - 3 beater (Tag No. 1118)	$1125 00	$ 3.00	$858.00
New Idea 213-217 Manure Spreader - 176 bu., single beater (Tag No 1200)	$ 995.00	$ 2.00	$ 817.00
New Idea 214-217 Manure Spreader (Tag No. 1173)	$1895 00	$ 4.00	$1539.00

—NEW EQUIPMENT—

Brillion BRS6302 Cultivator - 6 row, S tine	$2100.00	$ 5.00	$1655.00
Ideal Farrowing Stall	$ 220.00	$ 1.00	$ 131.00
Danuser 12 ton 3 pt. Log Splitter	$ 825 00	$ 2.00	$ 647.00
New Idea 109 Fertilizer Spreader - twin spinner	$1095.00	$ 3.00	$ 828.00
New Idea 456 Round Baler	$9500.00	$12.00	$8432.00
Pequea Model 250 Woodsaw	$ 850.00	$ 2.00	$ 672.00

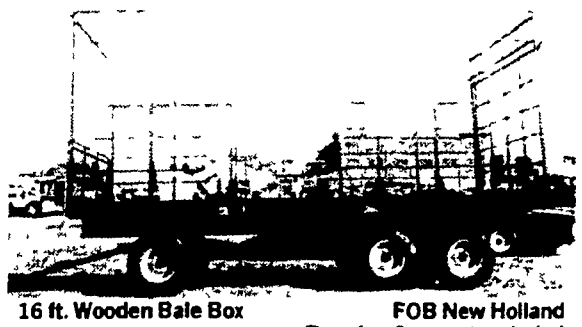
OTHER USED EQUIPMENT

JD KBA 32 Disc Transport new blades
NH #1469 SP Windrower, Exc Cond.
Hesston PT10 Windrower
10' 3 pt Lely Roterra
Brillion 20' Transport Harrow
Brillion 12' Transport Harrow
IHC 449A 4 Row Corn Planter
Kasco 8' Hyd Auger w/hoses for corn planter
MF 135 Diesel Tractor
IH 56 Hopper Blower
Used Toro Lawn Mowers
Dion 3 btr. Forage Wagon
NI pull type 2 ton Fertilizer Spreader
New Kilbros Gravity Bin /wHyd Auger
New Pequea PTO Hay Tedders
New 11'3" & 18' 9" Glenco Soil Finishers
New 1445 Bush Hog (Demo) Disc SPECIAL PRICE

Vigor Rated Soybean Seed
Baler Twine In Stock 9,000 & 10,000 Ft.
NEW Gilson Roto Tillers

QUALITY BALE BOXES

BARGAIN PRICES



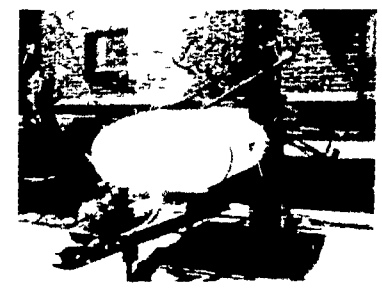
16 ft. Wooden Bale Box
$550.00
FOB New Holland
Running Gear not included

18 ft Steel Bale Box
$1100.00
FOB New Holland
Running Gear not included

CHECK THESE QUALITY FEATURES

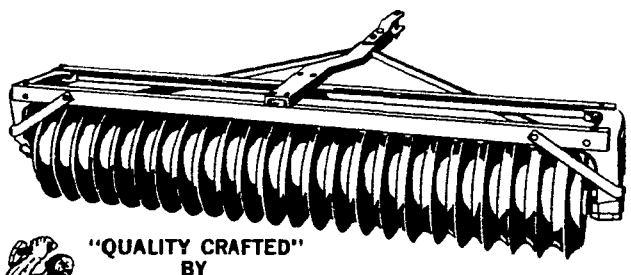
- All wood is kiln dried - No "Green" Wood used
- All upper wood - 1st quality Southern Yellow Pine
- All deck wood - Solid Oak
- Complete Structure dipped in wood preservative for up to 50% longer life
- No piecing of deck boards for more strength & durability
- Square steel tubing through out - stronger and welds better than round tubing
- Metal is stripped, primed and painted for long life
- Wood deck solid oak dipped in preservative

GEORGE WHITE TRAILER SPRAYER



- 310 gal. low profile tank
- Centrifugal trailer mounted pump
- 33 ft. self leveling boom
- No drip tips
- Adjustable nozzle spacing

$2600.00

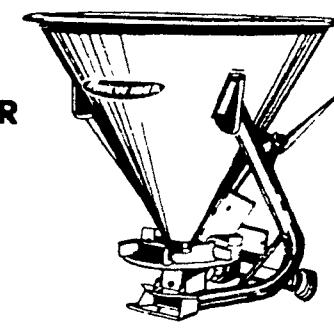


"QUALITY CRAFTED" BY Brillion

BRILLION PULVERIZER BREAKS CLODS; MAKES FOOD AVAILABLE TO PLANTS.

12 FT. SINGLE GANG PULVERIZER $1590
13 FT. 4 IN. SINGLE GANG PULVERIZER . $1720
14 FT. SINGLE GANG PULVERIZER $1770

SPREAD FERTILIZER OR SEED FAST WITH THIS ECONOMICAL NEW IDEA SPINNER SPREADER MODEL 107

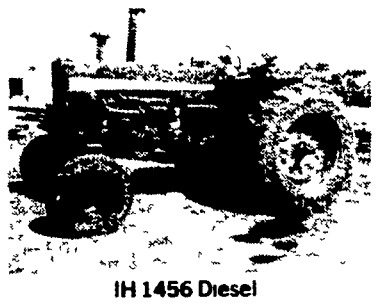


- 8.5 Bu. Capacity
- Spreads up to 33 ft.
- Stainless Steel Spinner

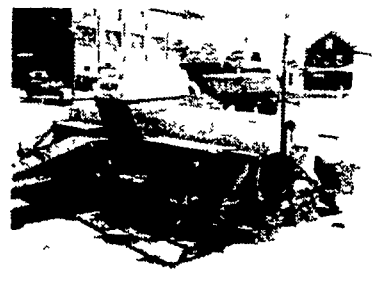
$499 F.O.B. New Holland

PEQUEA 7 FT. PTO HAY TEDDER

On 14" Rims $1235 (F.O.B. New Holland) Tires Not Included)

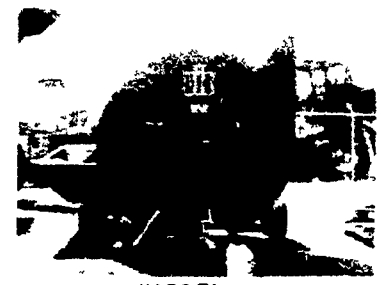


IH 1456 Diesel
$12,000.00

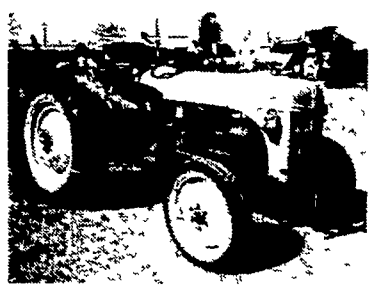


IH 400 Air Planter 6 Row, 3 Years Old
w/Monitor,Fert Insect
$3250.00
• No-Till Coulters New Condition $600 00 Extra

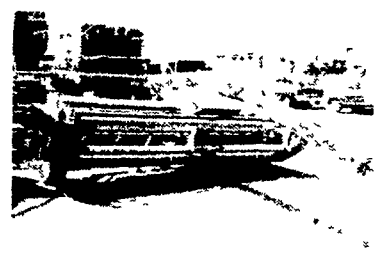
IH 56 4 Row
w/Fert & Insect
$1500.00



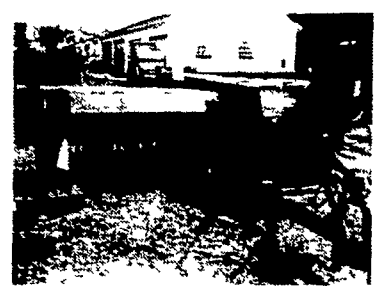
IH 56 Blower
2 Years Old
$1700.00



Ford 8N
$2100.00



JD 1380 Mid Pivot
12 Ft Windrower Conditioner
$5450.00
• Swath Attachment Available



NH 275 Baler
With Thrower
$3250.00

Zimmerman 32 Ft Elevator $1195.00

John Deere 36 Ft Elevator $1085.00

TRACTORS

Case 1270, 135 HP, Low Hours	$18,000
JD 630 G Tractor on steel	$2800
JD 1010 Gas 35 HP., NFE	$2400
David Brown 1200 Diesel	$3500

USED COMBINES AND ATTACHMENTS

JD 244 2 Row Wide Corn Head	$1600
JD 444 4 Row Wide Corn Head	$4250
NH 962 N4 Corn Head.	$4250
NH 962 N6 Corn Head.	$8850
NH 960 13' Flex Platform	$2850
NH 960 15' Flex Platform	$4500
Case 1665 Gas w/4 Row Wide Corn Head and 13 Ft. Grain Platform	$10,500
JD 3300 Diesel w/3 Row Narrow Corn Head and 13 ft. Grain Platform	$27,500

USED BLOWERS

NI 620 Blower	$1050
Gehl 99 Blower	$1495
AC 54"; 540 RPM Blower	$650
JD 65 Blower	$1050

USED HARVESTING EQUIPMENT

NI 323 Corn Picker	$3250
NH 1890 Harvester w/890A Auger Base and 890N3 Corn Head	$29,000
NH 880 Harvester w/880N2 Corn Head	$2500
Badger 214 Forage Box w/Running Gear	$1875
McCurdy Gravity Box.	$550
Hydraulic Unloading Auger For McCurdy Gravity Box.	$225
JD 38 Harvester w/2 Row Narrow Corn Head	$2650
JD 1065A (New) 16" Truck Tires	$800
JD 3960 Harvester.	$11,546
JD 2 Row Narrow Corn Head	$2500
NI 323 Corn Picker	$3250
NH 880 Harvester w/880 R2 Corn Head	$2650
NH S717 w/717 R2 Corn Head	$2250
NH S717 w/770 R2 Corn Head	$3100
NH 707 3 Pt. w/1 Row Head	$2350
NH 707W Hay Pickup	$500
Fox Hay Pickup	$500
JD Hay Pickup from 34 Harvester	$500
JD one Row Corn Head	$475
NH 717 R2 Corn Head	$650
NI 323 Corn Picker	$3600
NH 717R1	$450
Fox 2310 Harvester w/728 2 Row Wide Corn Head	$4000
Fox 821 Hay Pickup	$500
NI 325 2 Row Narrow Corn Picker With 327 Husking Unit	$4500
NH 880 N3 Corn Head	$1800
NI 325 2 Row Narrow Corn Picker with 314 Shelling Unit and Engine on Steel	$6000
Gehl Forage Box w/NH 234 Gear	$2950
Fox 2310 Harvester w/728 2 RW Corn Head	$4800
Fox 821 Hay Pickup	$600

GRINDER MIXERS

JD 750 w/Hydraulic Drive	$4950
NH 355 w/13 ft Unloading Auger	$5500

HAY TOOLS

Owatonna 270 - 275 Hydrostatic Self Propelled Windrower, Conditioner	$2495
NH 479 Haybine	$2400
NH 450 3 Pt Mower 7 Ft	$1250
NH 479 Haybine	$2400
NH 465 Trailer Mower 7 ft	$1250

USED TILLAGE

JD Cultivator, front mounted w/Rear Rig	$195
JD 120 3 Bottom Plow	$250
Bearcat 12 Ft Transport, Roller Harrow	$675
Oliver 365, 4 Bottom 16' Trip Plow	$500
Oliver 10 ft. Disk	$1275

BALERS

MF 12 Engine Baler	$1595
JD 24T Engine Baler	$1495
NH 276 Engine Baler	$3490
NH 310 Engine Baler On Steel	$4350
NH 310 Baler	$2850

MISCELLANEOUS

Heavy Duty Dozer Blade for White 2-150 Tractor	$850

SKID STEER LOADERS AND ATTACHMENTS

NH L-445 Gas	$12,545
NH D-100 Backhoe	$2950
Mustang 1700 Diesel	$7450

USED PLANTERS & DRILLS

JD 1240	$2650
JD 1240	$1400
(4) JD 80 Plateless Units	$110 ea.
JD 1240	$1700
JD 1240	$1650
Auger Fill Attachment for Dry Fertilizer on 4 Row Planter	$300
JD 7000 6 Row Narrow with Heavy Duty Coulters, John Blue Pump and Fertilizer Disk Openers	

SPREADERS

NH 518, 210 Bushel	$2150
NH 512, 171 Bushel	$1475
NH 675, 275 Bushel	$2750
NH 790 Spreader	$3800
JD N	$350
NI 218	$3850
NH S676 Spreader	$3500

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FARM EQUIPMENT

SAME Leyland Tractors
AVCO NEW IDEA

FOR SALE

Nuffield Mini gas, 15 h.p., 3 pt. lift, $1800
Case tractor, 870, 12 spd., ps trans., good cond., $8600
Brady model 700 7 shank 3 bar chisel plow w/gauge wheels, new twisted shovels, $1250
NH model 516 spreader, 3 btr., exc. cond, $2,485
Badger model 205-205 bu spreader w/2nd beater, in new cond $2785
Leyland 344 50 h.p., new tires, good cond $4250
Danuser model BMBH front mounted post driver, exc. cond. $925
N I. forage blower, model 620, 54"fan, good cond $875.

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

JOHN DEERE

JD 4440 Tractor w/Cab & Duals
JD 4020 Tractor P.S W F
JD 4020 Tractor, WFE
JD 2440 Tractor
JD 2240 Tractor
JD 2030 Tractor
JD 620 Tractor
JD MT Tractor w/plow, Cultv. and Mower
MF TO30 Tractor
Farmall M Tractor
IHC 656 Tractor
JD 170 Skid Steer Loader
JD 1207 Mower Conditioner
JD 1209 Mower Conditioner
JD 7000 6R Consv. Planter with liquid Fertz.
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
JD 1440 No Till Corn Planter
JD 1440 Planter w/Plateless Units
JD 3800 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD 6620 Side Hill Combine with platform and corn heads
JD 6600 Combine, hyd drive w/platform
JD 6600 Combine w/15' Platform & 444 Corn Head
JD 105 Combine w/platform and corn head
Gleaner MKS II combine w/platform & 6R corn head
Gleaner A Combine
Woods 120 Offset Rotary Mower
JD 709 Rotary Mower
JD 214 Baler w/thrower
NI 279 Cut/ditioner
JD 2800 6B Plow
JD 2800 5B Plow
JD 145 6B Plow
JD 1450 5B Plow
IHC 5B Plow
IHC 6B Plow

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J D 2 Row Cultivator on Tool Bar	$295.00
J D 15x7 Grain Drill/with Grass Seed Attach	$395.00
J D 24T Baler with Ejector	$1395.00
N H 717 Chopper/1 Row Corn Head	$895.00
Smoker 24' Elevator	$125.00
N I No 7 Corn Picker	$295.00
N H 100 bu Gravity Wagon	$395.00
N H. 401 Crimper	$95.00
A.C Hay Rake 4 Bar	$195.00
J D Rotary Mower 5' 3 pt	$395.00
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JD 4520, 20 8x38 Radials, No Cab
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IH 544 SOLD Tricycle
IH 560 Gas, 400 Gas
IH 350 High Utility
IH 350 Farmall, PS
IH 544 Gas w/2000 Loader
(2) Farmall M
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Oliver 1800 Gas, Wide Front End, over & under $4500

COMBINES:
915 Combine, Low Hours, Like New
(2) 844 Cornhead
810 15' Floating Cutting Bar
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IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M

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IH 475 13'5 Disc Harrow
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
IH 370, 350, 37, 35 In Various Sizes
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Oliver 4-Bot Semi-Mtd Plow
IH 540 4-Bot 14" Semi Mtd Plow
IH 550 5-Bot 16" Semi Mtd Plow
MF 3 pt Mtd, 3 Bot Auto Reset Plow
Ford 3 pt Mtd 3 Bot 18" Auto Reset Plow

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Int 663 6-Row Cultivator
(2) IH 56 4-Row Planters
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb Single Disc, Good Shape!
(2) JD FBB 17x7 DD
IH No 10 13x7 Plain Drill
IH No 10 16x7 Single Disc, Comb, Hyd Lift
IH No 10 16x7 Single Disc, Comb
Oliver 24x6 Combination Drill
MF 13x7 Comb Drill

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#8 Flail Chopper, Like New
JD 115 Forage Wagon
Gehl 800 Recutter Blower
Model BN98 Badger Blower
Gehl FBB 88 Blower
Gehl FBB 99 Blower
38 JD Chopper
550 IH Chopper
33 NH Flail Chopper
(2) 990 Int Mower Cond, 9 ft
1014 Hesston Mower Cond
420T Hesston S P
NH 479 Haybine
NH 276 Baler with Thrower, Real Nice!
JD 894 Rake

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USED JD 1260 6 ROW NARROW CORN PLANTER W/MONITOR

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JD 3010
JD 2640
JD 2840 w/Loader
JD 50
Farmall A w/Cultv, Plow & Pulley

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246

USED HAY & FORAGE EQUIPMENT
JD 35 Fg. Harvester w/N2 head
JD 3800 Forage Harvester w/2RN
Fox 2200 Fg Harv. w/2 heads
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
NH 1010 Auto Bale Wagon
NH 273, 271 & 269 Balers w/Throwers
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JD Hay Crimper
NH 1469 SP Haybine, w/Ford Water Cooled engine
NH 469 Haybines
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NH 352 Grinder Mixer

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Most Model JD Loaders & Blades
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JD 2440
JD 2640
JD 2940
JD 2940 SQ
JD 2940 4 Whl. Dr.
JD 4440 SG.
JD 4240 RG
JD 4040 SG, PS
JD 650
JD 750
JD 850

NEW HAY & FORAGE EQUIPMENT
JD 506 Gyamor Mower
JD 1209 Mower Conditioner
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 337 Balers
NH 315 & 320 Balers
JD 2420 Sp. 12' Dsl. Mower Conditioner
NH 1495 SP Haybine
NH 489 & 495 Haybines
JD 567 & 660 Wheel Rakes
NH 256 Rake
JD 714 Fg. Wagons

NEW TILLAGE
JD 950 Roller Harrow
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JD 215 Dura-Cushion Disc Harrow
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Haybuster

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Bobcat 743
Repo 731

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H&S Spreaders

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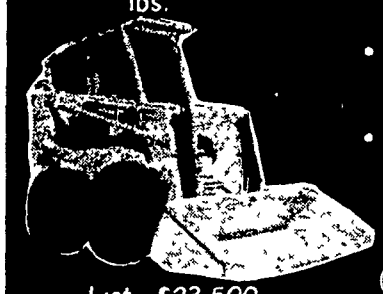

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IH 435 baler w thrower	$7 995
IH 445 baler w thrower	$8 995
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IH 1250 grinder mixer	$6 225
IH 730 adj width 4 bottom trip plow	$5575
IH 720 5F 18 Auto reset plow	$8325
IH 982 cadet 20 HP w 3 pt hitch	$4375
4500 field cult 16 5	$2750
IH 84 hydro diesel w 2250 loader	$18 650

(Also 484 584 684 diesel tractors at special OLD prices)
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Oliver 77	$1,200
IH 544 Hydro utility 3 pt hitch	$4 900
IH 715 diesel combine 4 row narrow corn head 13 grain head	$23,000
NH 352 grinder mixer	$3,150
NH 479 mower conditioner	$3,150
NH 717 forage harvester corn head & grass head	$1,275
Gehl forage harvester w 2 row corn head and grass head	$1,000
IH 830 harvester w 2 row head	$6500
JD 24T baler w thrower	$1,500
IH 37 baler w/thrower	$800
IH 430 baler w/thrower exc	$2950
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Walsh 500 gallon sprayer	$1500
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JD post hole digger, excellent
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Thrower for 273 baler, exc
New 5' Bush Hog Rebel model, only 1 left, list $750, our price $595
5' Kingcutter, good cond
NH Super 26 blower, ex
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New 6' bucket to fit Swartz or Oliver manure loader
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JD 3 section harrow
NI roller bar rake, brand new, special discount
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White 316 plow, sharp
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JD 1240 Plateless Planter Disk Opener	$1850
NH 273 Baler SS Nice	$2550
MC 7E Rotary Scythe	$1295
NI Wheel Rake, Good	$600
Grimm Hay Tedder, Gro ind Drive	$800
455 N H. Mower	$825
Hesston PT-7	$1075
Holland Transplanter Planter 60 AC, Like New	$650

TRACTORS

IH 350 Fork Lift	$2700
AC D19 Diesel	$2950
Case 930 Standard	$3700
Oliver 770 Gas	$1600
IH Super M	$1250
8N Ford	$1550
JD 3010 Gas, Wide Front	$3400

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MF 85 gas
Oliver 660 gas
Farmall 450 diesel
AC D-17 diesel
Ford 1300 4WD
Farmall 460 gas
MF 205-4 diesel

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Gehl 600 w/grinder
JD 35 1-row
Hesston 2000
Fox 2000

Sprayers
2-Walsh 200 gal.
1 Walsh 150 gal, 3 pt.

Skid Steer Loaders
Gehl HL 2600

Mower Conditioners
Hesston 310 SP
NI 299, used 2 yr
Hesston 1014 10'
Hesston 1070
Hesston PT 7

Corn Planters
JD 7000 4R 30" liq.
MF 46 4R-30"
MF 468 4R-32"

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MF 3 pt. rake
MF 12 w/thrower
(2) MF 124 balers w/thrower

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FORD 5000, 7000, 4000, 850, 641, 8N
MF 165 gas & diesel, 135 diesel, 35
KUBOTA - 6100, 245 4 wd.
CASE 430
JD 3020 diesel w/cab, 3010 diesel w/cab, 2640 w/loader, 40 Hi-Clear w/cultivator
IHC 100 hydro. w/cab, 826, Super MTA, Super M, 240, Super AV w/cultivator, Cub w/rotary mower

MOWER CONDITIONERS
NH 479, 489
Hesston PT 7, 10
NI 7 & 9' Cutditioners

CORN PLANTERS
AC 2 & 4 row conventional & No Till, JD 1240 4 row plateless, AC 2 row 3 pt.
MF 2 row 3 pt.

CHOPPERS
NH 770, Hesston 7020

BALERS
Hesston 5400 & 5800 round
Hesston 4500 w/thrower
NH 275 w/thrower
JD 336 w/thrower

PLOWS
AC 4 & 5 bottom semi-mount reset, 5 & 6 bottom semi-mount spring trip 2, 3 & 4 bottom 3 pt & snap coupler mounted
IHC 450 - 3 pt reset bottom
FORD 4-18" semi mount reset 2, 3 & 4 bottom 3 pt.
JD 4 bottom 3 pt. semi-mount reset
MF 880, 5 btm. 18" re-set or hand hitch

DISC HARROWS
10 Used transport discs, 8½ to 16'; AC 9 tooth & Brillion 7 tooth Chisel plows 3 pt., 8' Brillion cultipacker seeder, like new

SIDE RAKES
NH 256, 56, 55
NI 401
IHC 14

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AC 715 Tractor Loader Backhoe, 655 crawler loader, H 3 crawler loader, H 3 crawler loader
Clay 800 gal. liq. spreader
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AC 7010, PS SOLD lb & Air
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N-5 Rotary Combine with 15' Floating Header and N630 Cornhead
AC 2000 5-16 Moldboard Plow with Concave Coulters
AC A430 Cornhead, FE Combine

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AC KKS Gleaner w/10' Header and 2-Row Cornhead
AC FKS-2 Gleaner w/Diesel, Hydro Drive with 13' Header
AC C Gleaner w/440 Cornhead
IH 315 Combine w/13' Header and 2 Row Cornhead
MH 82 SP Combine, 13' Header
(2) MF QT24 2-Row Header

USED TRACTORS
AC 7020 PS Tractor, Cab & Air
AC 185 Tractor, Diesel
AC 7000 w/Cab & Air
AC 5050 (220 Hours)
AC D15 Tractor

USED MISC. EQUIPMENT
PT10 Hesston Haybine
276 NH Baler w/Thrower
277 NH Baler w/Thrower
NH 479 Haybine
NI 279 Cut/ditioner
NH 268 Baler w/Thrower
IH 51 Forage Wagon
NH #90 Round Bale Handler
NH 469 Haybine
JD 10' KBA Disc Harrow
Ford 10' Disc Harrow
IH Mounted Field Cultivator
IH 710 5-Bot 18" Auto Reset Plow
JD 38 Forage Harvester w/Pickup & 2-Row Head
NH Super 717 w/2 Row Head
JD FB77 Grain Drill
NI 324 & 327 (2 Row Pull Picker)
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MF 66 3B Plow
Pittsburgh 8' Tandem Disc

Hay Equipment
JD 480 Mower Cond
AC 390 Mower Cond
Ford 535 Mower Cond
(2) Hesston PT10 Mower Cond.
NH 469 Haybine
MF #10 Baler w/th SOLD
MF #12 Baler w/thrower
AC 303 Baler w/thrower
IH #37 Baler w/thrower
MF #3 Baler w/thrower
IHC 47 Baler
AC Forage Harvester
IHC Forage Harvester
NH 717 Harvester
Papec Forage Blower

Combines
NH TR-70
Cat Hydro w/15' Table and 6RN C H (Demo)
MF 540 w/13' Table and 4RN C H
(2) MF 300's w/cab, QA, 10' table and 2R C H

Miscellaneous
Gehl 2600 Skid Loader
NH L35 Skid Loader
Starline Tank Manure Spreader
IH 13 Disc Drill
Ontario Disc Drill
Century 3 pt. sprayer
5' Pull Type Rotary Cutter
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For Sale - Tobacco rails, new Hemlock & pine Also framing lumber available Write for prices Enos S King, Box 128, Rebersburg, PA 16872 Centre County

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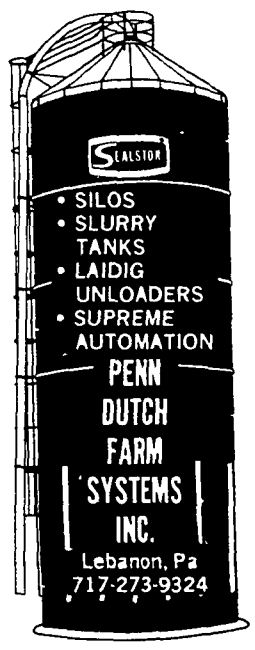

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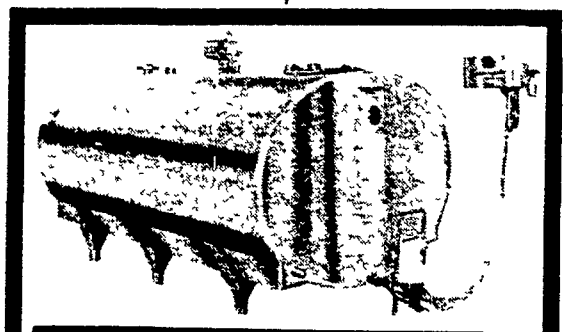

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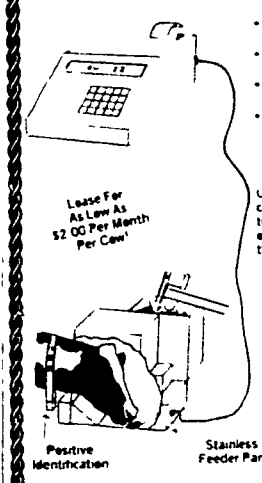

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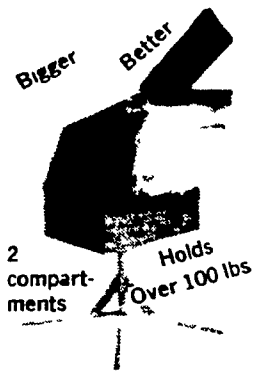

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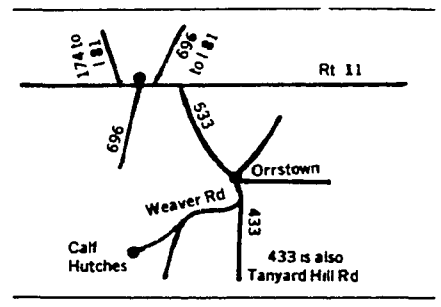

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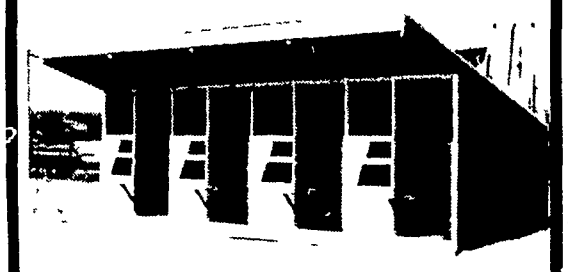

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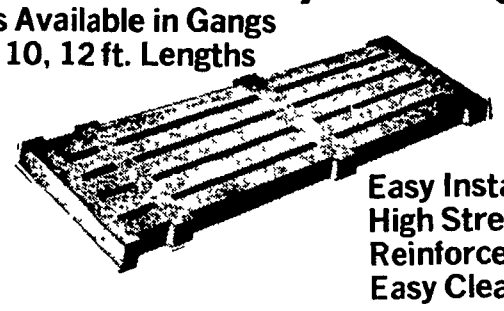

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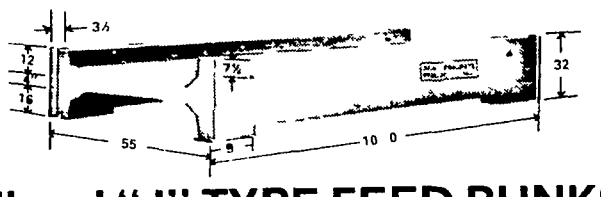

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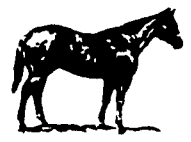

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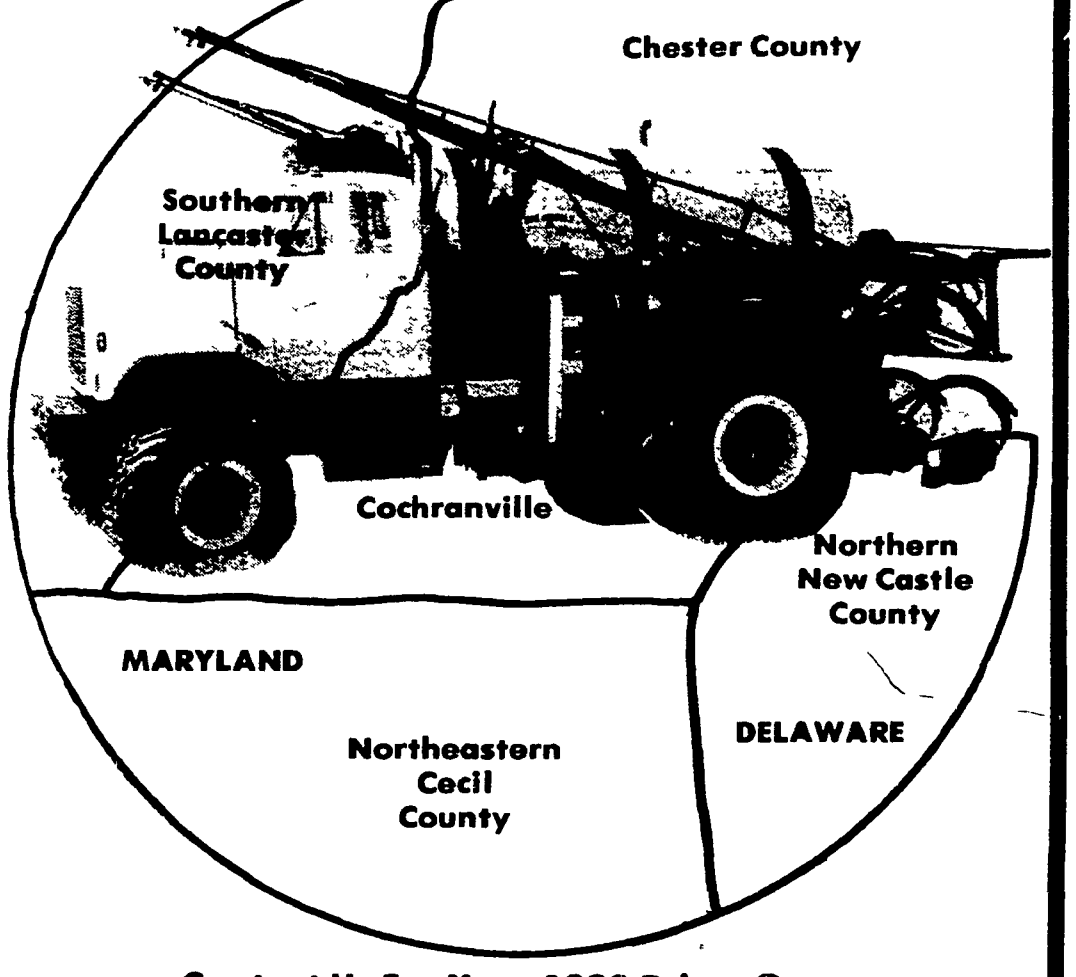

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Dealer in small grains, contract or spot purchase.
EARL R. MARTIN INC.
P.O. Box 3, East Earl, PA
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BUYING WHEAT CORN & SOYBEANS
CONTRACT OR SPOT PURCHASE
480,000 bu. Storage capacity
Fast unloading, digital printout scales
HOSTETTER GRAIN
RD 1, Oxford, PA
Located along Rt. 10 between Russelville & Oxford
215-932-4484 business
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MR. GRAIN PRODUCER...
pennfield feeds
Is In The Market To Buy Your Grain
Delivered, or F.O.B. Your Tank
Grain Receiving in Lancaster, York, Palmyra
Call Pennfield Corporation at 299-2561
Area 717 or 215
Call Toll Free: 800-732-0467
Outside of PA
Call Toll Free: 800-233-0202

FEED & SEED

Buyer of shelled or ear corn John J Hoober, Inc , Gordonville, Pa Ph 717-768-8481 or 768-3216.

FERTILIZER

MUSHROOM SOIL

1000 bu. load @ $80 per load

Poultry Manure Also Available

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after 6 P.M.

21% Nitrogen

Ammonia Sulphate

Bulk F.O.B. Bethlehem, Pa. $81.50/ton

Johnstown, Pa. Per Ton $76.50 Cash.

GEO. V. SEIPLE & SON CO., INC.

RD#2, Van Buren Road

Easton, PA 18042

215-759-7141 or 215-258-7146

POULTRY MANURE AVAILABLE

$13 per ton

Write to

Box 366 K-39.

c/o Lancaster Farming

Lititz, PA 17543

MUSHROOM SOIL

200 bu. for $50

400 bu. for $70

600 bu. for $80

800 bu. for $90

$$ Save Fertilizer Dollars $$

Use Poultry Manure

Delivered in Trailer Lots

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FERTILIZER

For Sale Chicken manure, will deliver, 215 273-3097

BUYING & SELLING BROILER MANURE

Hauled in 20 ton loads

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Delivered within 100 mile radius of Harrisburg, in 15 ton loads.

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1975 Int. 185 Cub Lo-Boy with 60" belly mtd rotary mower, turf tires 301-877-9889.

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Top soil and tan bark for sale 717-259-7211

FRUITS AND VEGETABLES

Notice: Strawberries, pick your own, starting early June. Lancaster Co. 717-354-8207

BIRD CONTROL

OTHER ANIMALS

SONIC & ULTRASONIC

★ Fully Automatic ★

system from $98.00

Details Free

Av-Alarm Corp.

675 D Conger Street

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(503) 342-1271

Distributors / agents needed

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For Sale - Certified Bristol Black raspberry plants. $33 per 100 at Farm. Lancaster Co Levi S. Ober, Elizabethtown, PA R4 717-367-3118

Sweet potato plants - 3 varieties Lancaster Agway, 1140 Dillerville Rd , Lancaster, PA 17601 717-394-0541

Canteloupe plants for sale, New Holland 717-354-7922

FERTILIZER

LIME

Dry or wet 200# Mesh, 45% CaO, 83% $CaCO_3$ 3% Potash, USDA tested and approved ENP=80 Only $4 00 per ton F O B Bangor, Penna

LIME

Granulated, dust Free 54% CaO, 96% $CaCO_3$, university tested, state approved "OVERSIZE" $3 75 per ton F O B New Jersey, STOCKPILE (FINE) $10 00 per ton F O B Baltimore or New Jersey

Sundance Agri Products & Services

Route 3

Bangor, Penna 18013

(215) 588-8150

SERVICES OFFERED

Builder, houses and barns, garages, etc new and repair Write Aaron K Smucker, Strasburg R1 Box 188, or call Abe Mills after 6 P.M 717-442-8535

Will board heifers Quality haylage, corn silage, supplements and minerals Any age from 6 months to freshening Chester Co 215-347-1792 or 347-2346

Will haul hay, straw and livestock. 717-627-3839 or 626-6904

General Hauling - Equipment, Hay, Straw & Grain Rental - Skid loader, grain truck, crew cab pickups, trailers. Ivan S Zook, RD 1, Gap, PA 17527 717-768-3052

Farm and home construction All types of buildings, masonry, concrete repair work. Will travel. Free estimates I.S King Co 717-284-2665

I will do sharpening of saws, saw chains, planers and jointer knives, etc. Open Tuesdays and Fridays and evenings Noah W. Leid, 1 mile east of Fivepointville on Leid Road, East Earl, R1 PA.

Will board heifers, 10A quality meadow with spring fed stream barn shelter with salt and minerals, box approx. 50 head at 50/day. Lanc. Co. 215-267-7870 evenings

Tri-state Trimmers - Complete cattle hoof care. 215-296-3686

Davison's Whitewash Service. Whitewashing and Air Cleaning. Serving the dairymen of PA and NY. Box 156, Canton, PA 17724 Office 717-673-3108 Home 717-673-3419

Dairy Herd consultant Nutrition, Reproduction, Heifer programs On-farm consultation. 717-259 0681 evenings

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CUSTOM HOOF TRIMMING

4 years experience in Turkey Hill Dairy Herd

Tom Frey

Lancaster County

717-872-2132

CATTLE HOOF TRIMMING

David Eckman

Lancaster & surrounding counties

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814-798-3209

GENERAL HAULING & TRASH REMOVAL

Strasburg, Gap and Intercourse area.

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Building & Remodeling

Roofing, Siding

Carpenter & Mason Work done.

No Job To Small

Low rates

Quality Workmanship

Call

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Grain Storage Erection, sales and service, Call 717-933-5358.

Oatman Septic Pumping Service White Oak Rd. Smyrna, Lancaster Co., PA 17509. 215-593-6240. 215-857-9612

Soybean roasting on your farm Dale L. Schnupp. RD 6 Lebanon, PA 17042 717-865-6611

WILL DO MASONRY WORK

BRICK

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CHIMNEYS, ETC.

Also will repaint old stone buildings

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BRADFORD'S HOOF TRIMMING

Reduce losses and promote herd comfort with regular hoof trimming.

William L. Bradford

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(301) 452-8574 or

leave message at (301) 838-5105

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Moving stave silo & extension, replastering, and general repair. New and used roof fill pipe and silage distributor.

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Denver, PA 17517

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- Pole Barn Buildings
- Cow Stables
- Block Buildings, etc.
- Cement Work
- We Also Do Repair Work

STEPHEN F. FISHER

RD #1 Box 174

Strasburg, Pa. 17577

717-442-9513

after 6 p m.

No Sunday Calls

AIR TOOL REPAIR

Have any air tools laying around that need service? Pack them well and ship to us, for fast and efficient service

We attempt to repair almost any brand We stock parts for Rodac, Bosch, Black & Decker, Rockwell, Rockford, C P , F P , National Detroit, Gast, Etc

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Paradise, PA 17562

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717-786-7032

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J C. Ehrlich Co., Inc Termite, Pest, Rodent and Smoke control. Lawn and shrubbery spraying Free estimates 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

Will clean heifer barns, chicken houses with Bobcat loader 215-869-2160.

Custom Liquid Manure Hauling

Manure Agitator

York, Lancaster & Northeast MD

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Custom combining and forage harvesting and Ag-bagging Adams and York County areas. 717-259-7211

Custom chiseling Will travel. 717-872-4393

Custom Ag Bagging for Cumberland and N York Co 717-766-2954, 766-9812

Ag Bag custom filling, Berks and surrounding counties $800 per bag 215-689-5387

Custom spraying - Nirogen, liquid chemical application, call Rodney Horning, Morgantown, PA 215-286-5416

CUSTOM AG-BAGGING, $800 per bag Will travel. 215-488-6835

CUSTOM LIVESTOCK HAULING

with Aluminum Gooseneck trailer

Local or long distance.

Ph: 717-291-9769

Larry H. Wenger

898 Horning Road

Lancaster, Pa. 17601

SERVICES OFFERED

Livestock Hauling

Straight truck & tractor trailer.

Manheim RD 3

717-665-7953

NEED CRANE SERVICE?

2 CRANES AVAILABLE

1 - 15 Ton w/120' boom and 20' bed for hauling up to 7 tons material $40/Hr w/Operator

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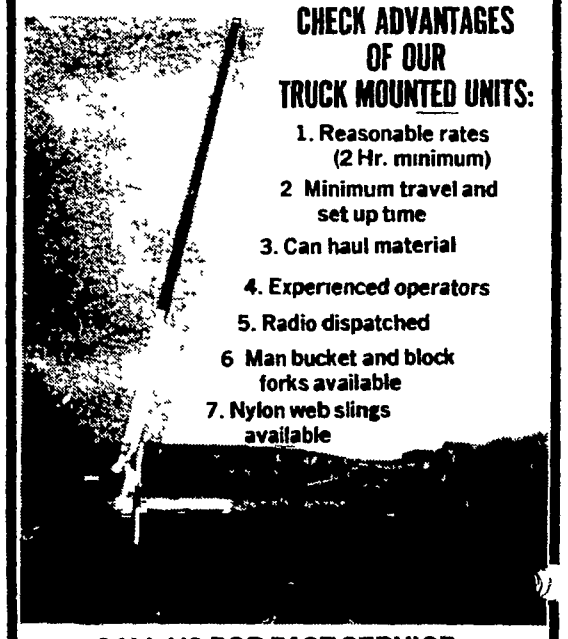

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1. Reasonable rates (2 Hr. minimum)
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3. Can haul material
4. Experienced operators
5. Radio dispatched
6. Man bucket and block forks available
7. Nylon web slings available

CALL US FOR FAST SERVICE

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R.D. 12, York, PA. 17406

(717) 755-2868

FOR SALE

POULTRY MANURE

PICKED-UP OR DELIVERED

Lancaster County

717-898-0129

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H. M. Stauffer & SONS INC.

- Fuel Oil
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- Gear Oil
- Gasoline
- Motor Oil
- Lubricants

Radio Directed Trucks

Automatic Delivery

24 Hour Service

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Lancaster, PA

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CUSTOM SILOBAGGING
717-665-7471
Store Your Crops The Least Lost Way

CUSTOM AG-BAGGING
Reasonable Rates
717-256-3154
John Metcalf III

Help Wanted for Wheat Harvesting Crew
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or
717-949-2456

SALES & MARKETING MANAGER

An established Egg Distribution Company seeks a sales oriented person to manage purchasing & marketing

Candidate should have organizational skills, will build own staff, handle quality controls, schedules, traffic and communicate directly with customers & suppliers

Send Resume & Salary requirements to
P O Box 831
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Herdsman for Large Dairy
Experienced in milking, feeding, herd health, AI, working with employees. Very good salary, family health insurance, pension plan, regular time off.
Fairmount Farms
301-374-2273

HELP WANTED

Ams-oil dealers wanted 717-626-5693.

Farm hand needed for grain and vegetable farm in Md. Home available Permanent position for person w/desire and ability to work. Call 301-272-2620 after 6 P.M.

Wanted - married person to work on poultry farm Must have experience operating farm equipment and truck driving. Must be mechanically inclined, be able to do repair and maintenance on poultry and farm equipment. Good salary and benefits and modern house provided This is an exceptionally good opportunity for the right person. Send reply to PO Box 366 R-9, c/o Lancaster Farming, Lititz, PA 17543

Experienced farmer to work w/small beef herd, general farming, good opportunity for experienced person Berks Co send replies to Lancaster Farming, P.O Box 366 R-8, Lititz, PA 17543

CUSTOM WORK

Wanted to make - standing fields of hay, all kinds, price negotiable, depending on quality York and Adams Co area 717-259-7211

WANTED
Truck route salesman for growing dairy equipment company Must have ability to effectively deal w/customers & handle paper work Income potential $20 000 plus
Send resume to
Lancaster Farming
P O Box 366 K-45
Lititz, PA 17543

HELP WANTED

Farm help wanted Montgomery Co , milking and field work, housing and other benefits 215-256-6831

Working supervisor for poultry equipment firm Installation and some service work, must be able to take charge and supervise men Good salary and benefits for right person. Call 717-354-4469 ext. 252

Young married, experienced individual to help manage and work a Chianina Angus herd and a small farrow to finish operation in Central, PA Please send resume and references to Lancaster Farming, P O. Box 366 R-12, Lititz, PA 17543

Assistant Manager - Immediate opening on modern poultry complex, excellent benefits including home, utilities and hospitilization, no experience necessary. If interested call 717-665-5927 between 8 AM and 5 PM or 215-267-6281

HORSE FARMER

Good opportunity for conscientious person on small farm near Darlington, Maryland Market breeder of thoroughbred horses needs person with many years experience to take care of mares and foals Also to help in farming Permanent Modern, fully air conditioned home available for small family

References required
Phone Caj Haakansson
301-734-6626 or write
Bahlambs Farms
1806 Noble's Mill Road,
Darlington, Maryland 21034

HELP WANTED

Cook to live in own quarters in cottage beside main house, pleasant country position, 2 in family, other help comes in, must have good references 215 347-2186

Live-in companion for elderly lady, light housekeeping, no cooking Reply to Lancaster Farming, P.O Box 366 R-13, Lititz, PA 17543

Young couple anxious for employment on registered herd farm, 10 years experience in operating own dairy farm Experience in AI herd health, record keeping, showing and management of employees Call 301 885 5195

Herdsperson for 70 cow herd, ½ Registered, stall barn, milking and feeding Housing and salarg negotiable Ken Roberts, R D 2, Box 70, Good Hope Rd , Landenberg, PA 19350

Dairy couple, experience working as team in milking parlor, housing furnished 215-766-8504 between 6 30 and 8 p m

Experienced farm help, fulltime, summer and permanent positions available 201-832-2905 between 4 and 8 30 P M

Good opportunity for person who likes cows, 100 cow dairy with parlor, milking and some field work Modern house located on farm. Good wages for experienced person.

Write Box 366 R-10
% Lancaster Farming
Lititz, Pa. 17543

TECHNICIAN-CROP CONSULTANT
COLUMBIA CROP IMPROVEMENT ASSOCIATION
Bloomsburg, PA 17815

Working under the direction of the Board of Directors and in coordination with County Extension Agents, technician will examine members' fields, checking insects, weeds, crop conditions, taking soil samples, etc. and making recommendations to members, maintain crop production records and advise members on cultural practices.

Qualifications: B.S. or relevant experience in agronomy or related fields.

Salary: Commensurate with experience, Minimum $13,000

Send resume by June 15, 1982 to Fiero Lupini, RD1, Nescopeck, PA 18653 Phone. 717-752-3825

SALES REPRESENTATIVES
NEEDED

We are looking for qualified individuals for full time sales positions in selected areas of New York State and Pennsylvania Our business requires calling on dairymen and livestock producers to offer them mineral and vitamin supplements Silo Guard and Hay Guard specialty products and consulting services A knowledge of farming and feeding livestock is required We supply the product training support and lucrative commissions You supply the time and effort If interested please write to International Stock Food Corp P O Box 29 Waverly New York 14892 or call 607-565-2805

International Stock Food Corp.
Waverly NY 14892

SITUATIONS WANTED

Urgently seeking a farm to rent in Franklin County Phone 301-797-6460

Hard working family man seeking WORKING managers position on commercial cattle and/or sheep operation Animal Science degree, lifetime experience, mechanics and welding experience For references and resume contact PO Box 366 J-229 c/o Lancaster Farming, Lititz, PA 17543

30 year old single Polish man desires farm work in Lancaster County Experience on dairy farm and other types of farm operations Can operate equipment Good worker 717-569-2579

Husband & wife 'team ' to work on dairy farm to do milking and some field work Call 717-837 3201 Immediately Please!

Aggressive mature man desires opportunity to work with successful Agri-Business organization in Southeastern Pa area Would consider partnership or shareholder Has 29 years experience in sales and territory manager, office manager, purchasing, etc All inquiries will be answered Write Box 366 J 235, c/o Lancaster Farming, Lititz, Pa 17543

Young married couple seeking position on dairy farm Wife will help Also want field work Prefer south east Pa Call 215-689 9254 after 5 p m

HELP WANTED

Organic gardening, tree and grain cropping, maintenance Good house & work conditions, References requested Married couple preferred P O. Box 155 Dickerson, MD 20842

Herdsperson for 100 cow dairy. Good pay and working conditions House and utilities furnished and other benefits Experience a must Call evenings between 8 and 10 301-758-0614

TRUCKS & TRAILERS

18 flatbed truck body aluminum diamond plate floor, excellent condition, 55 gal saddle tank, like new Berks 215-374 6490

1978 Int truck model 1800, 446 engine, dump frame bed, 17,000 miles, like new 717 225-6247

Cattle truck 79 Ford F 600 16 ft bed, low mileage 717-687-7475

For Sale - Ford cabover silage truck w/Badger box okay 717 653 5663

75 GMC ½ ton pickup, step bumper 350 V8, 3 speed, excellent condition $2,400 '72 GMC Blazer 4 wheel drive, 350 automatic, good condition $1,595 215-383-5179

1980 Chevy Big 10 custom 15,000 miles, 350 auto radial tires excellent condition $6500 717 752-7131

1972 IH Cargo Star, 1610A, 18' van, roll-up rear door, V 8 gas, $3500, 1979 Olds Delta 88, loaded, diesel, new motor, $5400 1970 F350 Ford 11,000 GVW with 12' van, roll-up rear door alum loading ramp, 170 hp diesel with 5 spd trans , $4500, 76' Chev Malibu Classic, $2500, '69 Ford Galaxie, $400 215-723-0717 Montgomery Co

BUSINESS OPPORTUNITIES

'LIKE T V ?"
Imagine 50 channels on "your set" easy, reasonable Regional directors needed now!!
"FREE BROCHURE"
American Wholesale Satellites
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Farmers you can have quieter and smoother running diesel or gas engines regardless of mechanical condition, less wear, longer life on engines running over hot, a one time metal treatment with written moneyback guarantee as long as you own the engine, T M T Teflon Treatment, use can 5 qt oil cap., 2 cans 10 qt cap , 12 00/can, postpaid dealers wanted 215-944-7475

AG-BAG DEALER OPPORTUNITIES
For Pa , MD, NJ and VA Must be dairy or beef farmer or have 10 years experience in ag related business i e silos nutrition feed, etc
Established market will furnish leads and sales help
Call
AMERICAN AG-BAG INC.
717-627-3665 or after 7 P M.
and weekends
Call Frank Walters
717-733-3665

SITUATIONS WANTED

Christian couple is looking for a dairy farm or dairy barn for rent in Lancaster, Lebanon Co area. Experienced Write PO Box 366 A-33, c/o Lancaster Farming, Lititz, PA 17543

FARM REAL ESTATE SALESMAN

Licensed real estate salesperson with agri business background desires postition as farm agent in Lebanon or Berks Co With first reply include commission schedule All replies will be kept confidential

Reply to
PO Box 366 A-34
c/o Lancaster Farming
Lititz, PA 17543

TRUCKS & TRAILERS

For Sale Int R220 lime truck with 10 New Leader lime box, runs well, Int Load Star 1600 chassis Call before 9 P M 215-756-6320

1976 Int 1800 livestock truck with 20' body 446 V 8, 5 speed trans , 2 spd rear, power steering, air brakes, garage kept and maintained $8250 609-261-3300

16' truck body roll up door and 2 side doors insulated 717 392 7803

TRUCKS & TRAILERS

4 wheel trailer with electric brakes excellent condition $800 will take offer 717 933-4027

Gooseneck flatbed trailer 24 bed Good condition Make offer Call evenings 215-766-8787

1981 Ford F 100 pickup 6 cyl extra nice, 1972 GMC 5500 w/dump body engine 2 yrs old 717 786 2839

1962 GMC truck 21 000 GVW 14 dump bed $2500 Lanc 717 665 5471

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1710 Rohrerstown Rd
717 569-2648
YORK
1116 Roosevelt Av
717 848-6400

OUR CUSTOMERS ARE 100% SATISFIED

USED TRUCKS

EXCEPTIONALLY CLEAN AND WELL MAINTAINED

1977 FORD PICKUP F150
½ ton styleside, 300 6 cyl engine auto trans , AM radio, exceptionally clean

1976 CHEVROLET PICKUP C20903
¾ ton fleetside, 350 V 8 engine, auto trans PS AM radio, new paint

1975 CHEVROLET 20' VAN TE67
366 V8 engine, AT540, automatic transmission aluminum body w/curbside door and roll-up rear door, power steering, radio, new paint

1977 CHEVROLET 18' to 22' VANS CE67003
366 V8 eng ,, 5 spd trans , P S , tilt hood, radio, 50 gal tank, 27500# GVW, 1000 x 20 tires All with O/H rear & curb side doors, some with liftgates with or without new paint

1978 FORD 12' PARCEL VAN E350
8750# GVW, dual rear wheels, 351 V8 engine, auto , trans , P S , radio, overhead rear door, new paint

USED TRACTORS

1974 CHEVROLET Titan 90
Tandem axle, diesel sleeper, 318 Detroit engine, 13 speed transmission AC transmission and engine overhauled

1975 CHEVROLET Titan 90
Tandem axle diesel sleeper, 318 Detroit engine, 10 speed transmission, PS, AC, with or without new paint

1976 PETERBILT 352S86
Tandem axle diesel sleeper tractor, 350 Cummins engine, 13 speed transmission, power steering, A/C, overhauled, new paint Now $19,950

1977 GMC JC9640
Tandem axle, diesel, conventional cab, Formula 290 Cummins engine, 10 sp trans , PS, air conditioning, low mileage, new paint

1977 FORD LN 9000
Single axle diesel, conventional cab, 238 Detroit & Formula 290 Cummins engines, 10 sp trans , PS, some with AC & Air Shield, new paint

1977 CHEVROLET TITAN 90 DH9203
Tandem axle diesel sleeper tractors, 8V71 Detroit & Formula 290 Cummins, 10 spd trans , w&w/o PS w&w/o A C , 10 00x20 or 11x24 5 tires, cast spoke or Budd wheels, sliding 5th sheels, (2) overhauled, with or without new paint

1977 CHEVEROLET TITAN 90 FI9193
Single axle diesel sleeper tractor, 6-71 Detroit engine, 10 spd trans , P S , A C , radio 10 00x20 tires with or without new paint

1977 FORD LNT9000
Tandem axle diesel conventional tractors, 8V 71 Detroit or formula 290 Cummins, 10 spd trans P S , A C 10 00x20 tires, sliding 5th wheels, with or without new paint

1978 PETERBILT 352S86
Several to choose from
Tandem axle diesel sleeper, 365 Detroit engine 9 sp trans , PS, air cond disc wheels, radial tires, dual 120 gallon tanks, air shield, with or without new paint

REFRIGERATED STORAGE TRAILER
1969 Fruehauf 39' tandem FB6-F2 39ST NWD30 Thermo King

16' ALUMINUM VAN BODY
1977 Morgan, pre-painted white aluminum panels overhead rear door, curb side door, 10' dock bumper & slated interior w/or w/out liftgates

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

TRUCKS & TRAILERS

Lift trucks, 1-$2300, 1-$1000, van trailers, 2-40'-$1000 each 717-754-7164 Summit Station

1980 GMC 7000 only 8,000 miles with 20' Eby Aluminum cattle body Pression made for double deck partion 717-872-5486

1964 Int'l 16 ft flat bed dump 5/2 new paint. $3,500 00, call 301-838-1470 after 6 717-456-7497

1976 Chevrolet C65 series Scotsdale w/original 14,000 miles in new condition 361 eng w/5 spd trans., 2 sp. rear 27,500 GVW w/18' livestock body, 10 00x20 road lug tires, 189W B., could easily be converted to flatbed Call before 8 A M. or after 6 P M 412-286-9671.

For Sale - 1979 Chevy 4 wd pickup truck, 350 engine 717-362-9233

1980 Ford Ranger, F250 super cab pickup, 351, 3 speed overdrive, PS/PB, dual tanks, AM-FM, sliding rear window, two-tone paint, $5,950. 717-859-3291 or 717-733-4884

TRUCKS & TRAILERS

1977 Int 1800 404 V-8, 5&2 spd, air brakes, ps, 18' body, 10.00x20 tires, fold over fiberglass front. 301-877-9889

1976 Ford ¾ ton F250 crew cab, 6 passenger camper special, cap, extra gas tank, 390 V8 4 sp., steel belted radial tires, newly painted 717-748-7754 or 717-748 6353 Clinton Co after 6 P M Asking $2,500

'64 Ford dump truck, small V8, 5&2 spd trans., 26,000 GVW, $1500 215-445-6541 after 5

TRUCKS & TRAILERS

1976 Ford truck with 18' alum box, 4 speed trans and 2 speed axle, very good cond. 717-432-9775

1970 Gindy open top van, 40'x12'x6'', 10x20 rubber, exc condition 717-299-3001

For Sale - C700 Dodge equipped with 16½ ft Mid-west type grain body and hoist excellent shape Phone evenings 717-568-7271

1970 White 9000 single axle w/318 Detroit engine and 13 speed trans, 10x22" tires and wetline, $4,500 or best offer 215-369-1211

TRUCKS & TRAILERS

1968 Mack F-600, 1974 Steco dump trailer, 1961 Steco dump trailer parts for a 535 Cummins engine, crankshaft, heads & rocker boxes & alternator & manifolds and Pistons, rods, 22" truck tires and rims, some 20" 717-244-6703

1980 Chevy, heavy duty ¾ ton, 4 wh drive pickup, 350 4 speed, PS/PB, lockout hubs, 21,000 miles, excellent condition, $6,850. 717-859-3291 or 733-4884

For Sale - 1974 Kenworth cabover, excellent shape 215-562-7776

TRUCKS & TRAILERS

New 7' x 18' Featherlite Aluminum Gooseneck Livestock Trailer $7130 00 Hostetler 717-667-3921

Used 15' Car-Utility Trailer $895.00 717-667-3921

New Mini-Gooseneck Flatbed Trailer 5' wide x 10' long designed for pulling with Datsun, Toyota, Chevy Luv, etc $1780 00 Hostetler 717-667-3921

TRUCKS & TRAILERS

Int 1800, 1971, 393, 5 spd., ps, 10 00x20 22' livestock body, good condition, service records available 215-497-2670 eves.

Ford F750 73 tilt cab truck w/24' livestock body, good condition, w/new engine, 10 speed, new tires, air brakes, sleeper Must sell $7,500 301-464-2574

TRUCKS & TRAILERS

1981 Volkswagon diesel pickup, 4 sp., air, AM-FM, radial tires, 17,000 mi., excellent condition, $5,975 717-859-3291 or 733-4884

New 12' Gooseneck Grain Trailer with hoist - 2 axle single wheel 5-ton payload. $4685 Hostetler 717-667-3921

Energy Hyd. truck hoist Sales & Service. Anderson's Repair Shop, Rd 1, Felton, PA 717-244-2039

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500 215-286-9510

2½ ton, 5 sp. high-low range Army trucks, 1 gas, 1 diesel, 9:20 tires, tandem axles, $3400 gas, $4200 diesel. 609-769-3183.

For Sale - Used 12' van body; Used 21' wood livestock body. 10' & 17' used Wood livestock bodies Used Veterinary body for 8' pickup bed M.H. Eby, Inc, Blue Ball 717-354-4971

1973 International w/22' tilt bed and loading winch $4750. 717-865-6710

Utility Livestock Trailer with removable top - great for hauling small machinery as well as cattle. $1995 00 Hostetler 717-667-3921

STORAGE TRAILERS FOR RENT - Delivered to your site, economical 301-771-4529 or 717-354-7006

New Dump Hoist for 9' to 12' farm bodies Complete with pump, hardware and safety prop. Not installed $785 00 Other sizes available. HOSTETLER 717-667-3921

Hostetler Truck Bodies & Trailers

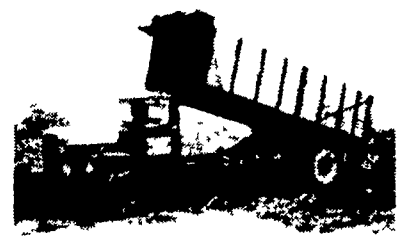
Rt. 322, Milroy, Pa. 17063 717-667-3921

Livestock Trailers
Grain & Dump Trailers
Flatbed Trailers

Grain & Livestock Bodies
Stake & Contractor Bodies
Utility or Service Bodies

STEEL and ALUMINUM

Knapheide - Moritz - Hillsboro - Feather-lite



1972 DIAMOND REO

Gold Comet 200 engine, low mileage, 5+2 trans. 192" factory W/B, P/S, air brakes, 10x20 tires, 33,000 GVW. Deluxe Cab & Interior, with 19' Hay & Grain Flat bed dump w/25 ton hoist and cattle racks. Very good condition. **Reasonable Offer.**

Nathan Hawbaker — Phone 717-264-8656

4 WHEEL DRIVES

1980 Ford F150 Ranger XLT, Short Bed, Step Side, 302 V8, 4 Speed, PS, PB, AM Radio, Lockout Hubs, Sliding Rear Window 28,000 Miles $7495

1979 Ford F150 Super Cab, 400 V8, 4 Speed, PS, PB, Lockout Hubs, 6400 GVW, 34,000 Miles . . $7495

1979 Ford 150 Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 35,000 Miles. $6995

1979 Dodge Club Cab Short Bed, 360 V8, Auto., PS, PB, Air Cond, AM-FM, Adventurer Package $7495

1979 Subaru Brat, 4 Cyl., 4 Speed, AM-FM, Rally Wheels, 1 Owner $5895

1977 Chevy Suburban, 305 V8, Auto., PS, PB, AM Radio, 40 Gal Fuel Tank, Dbl. Doors In Rear $5495

1977 Dodge Power Wagon Short Bed, 318 V8, Auto., PS, PB $4495

VANS

1981 Ford E-150 Cargo Van, with Windows, 300 6 Cyl., 4 Speed, Overdrive Trans., PS, PB, AM Radio, 138" Wheel Base, 24,000 Miles $6995

1978 Chevy ½ Ton Panel Van, 250 CID 6 Cyl, 3 Speed, St. Shift, Gauges, 29,000 Miles. . . . $4895

1977 Dodge Maxi Window Van, 318 V8, auto., PS, PB, radio, 42,000 mi $4295

1973 Dodge Panel Van, 318 V8, Stand. Shift, Carpeted Interior $2495

TRACTORS

1970 GMC Twin Screw Tractor, 8 Speed, Road Ranger, with Splitter, Completely Majored 238 Dsl, with 40,000 Miles, 38,000 lb. Rears, Exc. Condition $8995

DUMP TRUCKS

1978 Chevy C-30, 350 V8, 4 Speed, PS, PB, 10,000 GVW, with Power Angle Plow, 17,000 Miles. . . $8995

1975 Int. 1800 Series, 392 V8, 5 Speed, 2 Speed Rear, PS, Air Brakes, 30,000 GVW . . $6995

STAKE BODIES

1979 Chevy C-30, w 12' Midwest Body, 350 V8, 4 Speed, PS, PB, Posirear, Dual Wheels, 10,000 GVW. . $6995

PICK UPS

1981 Ford F100, Custom, 4.2 Liter, V8, Auto., PS, PB, AM-FM, 12,000 Miles, 2 Tone Silver and Maroon . . . $7995

1980 Chevy C10 Custom, 260 6 Cyl., 3 Speed, AM Radio, 20,000 Miles $5995

1980 Chevy C10 Custom, 6 Cyl., 3 Speed, PS, AM-FM & Cassette, 36,000 Miles $5295

1980 Chevy C30 Bonanza Camper Special, 350 V8 Auto, PS, PB, Air Cond, AM Radio, Dual Tanks, Z-Bart Rust Proofing, 9,000 GVW 12,000 Miles, like new, 2 Tone Paint $8995

1979 Chevy LUV, 4 Cyl., 4 Speed, AM Radio $3995

1979 Ford F150 Super Cab, 302 V8, Auto., PS, PB, AM-FM Stereo, Bench Seat In Rear, 31,000 Miles $5995

1979 Plymouth Arrow Sport, 155 CID 4 Cyl., Auto., PB, AM-FM Stereo, 29,000 Miles $5495

1979 Ford F100 Custom, 351 V8, Auto, PS, PB, Air Cond., AM Radio, Dual Tanks, 28,000 Miles $5995

1979 Ford F250, V8, Auto., PS, PB, AM Radio $5295

1978 Chevy C20, with Reading Utility Body, 292 6 Cyl., Auto., PB, New Paint . . . $4895

1978 Ford F250, 400 V8, A, PB, AM Radio 6800 GVW . $4995

1976 Ford F250 Custom 360, V8, 4 Spd., PS, PB. $2995

1975 Chevy C30 Crew Cab, 350 V8, 4 Speed, PS, PB, AM-FM Radio, Frame Hitch & Brake Package for Camper . . . $3495

1970 Ford F-100, 360 V8, 3 Speed, AM Radio . $1495

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"THE TRUCK PEOPLE"

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Area Code 717 or 215 Call Toll Free
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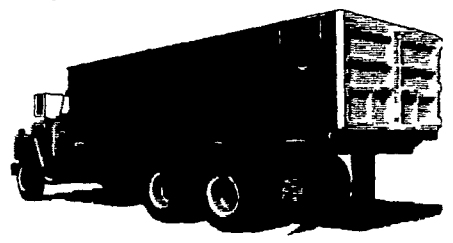
Livestock & Grain Bodies

Bigger Than Ever, Better Than Ever



- *One-piece roll formed steel sides with built in tarp rail Available in 28 40 and 52 extra-capacity heights all with maximum corrugation for maximum strength*
- 40 and 48 hardwood sides also available the truck body Omaha Standard built its reputation on
- *The toughest platform in the business—laminated wood smooth steel or tread plate*
- Easy-conversion hardwood upper racks greater flex and life than steel fold down racks
- *A full line of rugged gates all engineered* to make your job easier

Omaha Standard

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RD 4, East Farmersville Road
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Located in the Village of Farmersville, Lancaster County

717-354-4271

TO HAVE YOUR TRUCK CHASSIS FRAME LENGTHENED OR SHORTENED

CONTACT WITTES TRUCK AND TRACTOR

301-829-0271

AUTOMOBILES

For Sale - 1977 Chevy Nova 305 V-8 3 spd on floor, very good condition.717-362-9233

1950 Cad Ant new chrome, motor, tires exc. condition black paint new...$5,000 or best offer after 6. 717-456-7497

1974 El Camino full equipped. Good running condition. 717-993-2155

For Sale - 1 set of mag wheels & tires $100. 717-362-9233.

SURPLUS JEEPS, CARS & TRUCKS

Available. Many sell for under $200.

Call 312-742-1143 Ext. 3756 for information on how to purchase

RECREATIONAL VEHICLES

1974 Vega 8-man Camper 26 ft. a/c exc cond .. $4,500 00, call after 6 717-456-7497

For Sale - 1980 Suzuki dirt bike, DR-370, 4 stroke excellent condition 717-362-9233

AUTOMOBILES

See us for details on 5 yrs. or 50,000 miles free warranty.

The Rebates are Back on Pick up Trucks

1977 Pick-up D-150 SE regular gas.
1981 B-350 Maxi Van 15 Passenger, Like New. Double heat & double air. Special Edition, fully equipped, 8000 mi.
1981 D-150 Pickup, 5000 miles, like new

PETTICOFFER DODGE, INC.

Route 230 East Next to Shopping Center
Elizabethtown PA
PHONE 717-367-1808

NOTICE

LLOYD L. DANOWSKY, ESTATE FARM LAND INVITATION TO BID

Sealed bids will be received by HAROLD M. DANOWSKY and WAYNE E DANOWSKY, Executors of the Estate of LLOYD L. DANOWSKY, deceased, until Thursday, May 20, 1982, at 4:00 P.M. for the following real estate:

1. PARCEL 1: All that certain six (6) acre fourteen (14) perch tract of land located in Kelly Township, Union County, Pennsylvania, containing approximately one (1) acre of tillable land, the remainder being light woodland or other land A more specific description may be obtained from Graham C. Showalter, Esq

2. PARCEL 2. All that certain one hundred twenty-seven (127) acre one hundred eight (108) perch farm located in Kelly Township, Union County, Pennsylvania, whereon is erected a two-story frame single family dwelling. Containing approximately one hundred eleven (111) acres of tillable land, the remainder being light woodland or other land. A more specific description may be obtained from Graham C. Showalter, Esq.

All bids shall be placed in a sealed envelope and, depending on the bid, marked as follows:

1 BID ON PARCEL 1, SIX (6) ACRE, FOURTEEN (14) PERCH TRACT OF LAND

2 BID ON PARCEL 2, ONE HUNDRED TWENTY-SEVEN (127) ACRE, ONE HUNDRED EIGHT (108) PERCH TRACT OF LAND

3 BID ON ONE HUNDRED THIRTY-THREE (133) ACRE TRACT OF LAND (PARCELS 1 AND 2)

All bids shall be sent to GRAHAM C. SHOWALTER, ESQ., 36 South Third Street, P.O. Box 553, Lewisburg, Pennsylvania, 17837, and shall be received no later than Thursday, May 20, 1982, at 4:00 P.M., at which time they will be opened by the executors at the office of Graham C Showalter, Esq

Documents containing conditions and instructions for bidders are available at the office of Graham C. Showalter, Esq.

Inquiries concerning the bidding may be made to Graham C. Showalter, Esq., by telephone at (717) 523-3237 between the hours of 8:00 A.M. nad 5:00 P.M., daily, Monday through Friday.

The Executors reserve the right to accept or reject any or all bids.

HOUSEHOLD GOODS

For Sale - Prizer Cook Stove, excellent shape 215-593-5754

MOVING SALE 14.3 cu. ft no frost Whirlpool refrigerator/freezer, White, mint condition. $400-negotiable 1 green/white short shag carpet approx 11'9' 1 beige pile rug approx. 4'x6', make offer. Phone Karen at 717-626-1164 8-5 or 717-627-5924 after 5:30.

MISCELLANEOUS

SAVE THOUSANDS on your Home or Farm Mortgage, Easy, simple legal $3 for details Viking, Box 2296, Dept L Columbia, Md. 21045

MF 11 wheel loader model 11, Perkins diesel. MF 320 log skidder, Perkins diesel, good cond 215-445-5670, evenings. 215-[illegible]-5676

Locust posts for fencing, Landscaping retainers along banks, driveways, gardens, flower planters, compost piles, sandboxes, etc buy 500 get 30 free 717 755-5587

GIGANTIC SELECTION

In Lancaster Farming's CLASSIFIEDS

PETS

60 hole Favorite rabbit hutches, automatic watering and feeders, extra parts, two tiers $1,500 Cost new $3,800. Seiler, 408 Coles Road, Blackwood, N J 08012

Pedigreed Mini-Lop bunnies, also, Mini-Lop 6 mo. buck and 3 mo. doe and buck. 717-244-8998. York Co.

PETS

Doberman and Rottweiler Wonderland, over 100 puppies and adults for sale. Champions at stud 215-933-3600.

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt 611 Pipersville, PA 18947. 215-766-8802

Free to good home. 4 year old male Border Collie, black & white. Farm dog. Very good with children. 215-679-2349 Bucks County

Golden retrievers, AKC 7 weeks, shots, wormed, champion lines. Guaranteed healthy, Orwigsburg, PA 717-943-2920

For Sale - AKC Mastiff puppy, 3 mo. old female, make offer. Lanc Co 717-529-6535

PETS

WANTED TO BUY PUPPIES

In litter lots-purebreds and half breeds For resale in my pet shop. Cash money paid. Will pickup

Call Charles Hackett 215-229-0449

MISCELLANEOUS

Pincor dependable stamp by 8½ to 75 KW, 10 days free 5 KW, PTO Shaft, freight, cart-KD Pluss $939.00 with 30 KW. Lancaster 215-445-5309

For Sale - Tobacco laths and tobacco cutters and spears 215-395-6618

For Sale - 7' locust posts, round and split 717-243-5153

Columbia tube boiler made in Pottstown, PA, like new, summer winter coil, size L-24 oil fired hot water BTU 24,300, some used base board copper radiators Frank Hodick, RD 1 Box 163, Douglassville, PA 19518 Tel. 215-385-3489

JEEPS - Government surplus, listed for $3,196, Sold for for $44 For Information, Call (312) 931-1961 ext 1370

For Sale - Landis shoe and leather polisher, model #40R, Singer leather sewing machine, #29-2, Progressive leather cutter and crimper at Martin's Carriage Auction on May 20th Martin Auctioneers, Inc. 717-354-7006.

Parking or tennis court lighting, two 32 ft tapered steel lighting poles and 4 1000 watt mercury light fixtures and ballasts $1000 Telford, PA 215-723-7483

Approx 5½ acres pasture for rent, west of Millersville, Lancaster Co 717 872-6798

Open front carriage $300 as is. Amos S. Lapp, Box 332 Rt. 1, Strasburg, PA 17579

RUBBER STAMPS

Made To Order
Ink Pads Available
Write or call after 6 P M

Gary Hess

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Millersville, PA
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REAL ESTATE

NEW! NEW!

Big Summer Catalog! Over 5,400 country properties described, pictured! Land, farms, homes, businesses, recreation, retirement values!

STROUT REALTY, INC.

P O Box 773A,
Dept. 6490
Harrisburg, PA 17102
CALL TOLL FREE
1-800-641-4266

Adams Co Orchard, 190 Acres, 100 Acres Fruit Trees Various, 2 Sets Buildings, 12% Owner Financing, Will Consider Splitting Property L3870 $410,000 Rodgers or Van Noord KEY REAL ESTATE 717-632-6400

75 acres York Co farm, mostly tillable, good rich well drained soil 717-432-9775

Columbia County, 188 acre farm, owner financing, house, barn, utility buildings, good condition Immediate occupany $175,000 Stephen's Associates, Real Estate, 215-777-9816

120 acre farm for rent or sale Cumberland Co., 4 bedroom house all improvements, 3 bedroom mobile home, bank barn, for beef sheep or hogs Plenty of water for pasture or irrigation 717-249-1165 after 5:00 P M

New Listing - 65 acre farm with 4 BR house, large bank barn, other buildings high elevation, w/gently slope, ideal for fruit, crops, or livestock Stream through property, substantial amount of road frontage KEY REAL ESTATE 717-334-8144

REAL ESTATE

For rent or lease - double six milk parlor, 120 cow free stall barn and silo, all new, excellent opportunity for right person 703-854-5663 Thomas C Bledsoe, Star Route, Box 171, Locust Grove VA 22508

MODERN HOG OPERATION! 69 acres-level-includes fabulous 4 bedroom farm house, call for details BAUGHMAN REALTORS 717/741-4671 (200598)

Rome, New York, Retiring, dairy farmer 215 acres, 58 stanchions, comfortable home $80,000, $160,000 complete w/dairy machinery, little down, owner finance Animal farm, 200 acres, w/woods house, barn $68,000 Moonan's Real Estate, Boonville 315-942-4824

Weekend/Vacation Retreat, furnished cabin on 5 wooded acres, located in Schuylkill Co Will trade as partial payment on Berks farmette $27,500 215-670-1895 after 5

For Sale - Herkimer County 80 acres tillable, best Honeoye soil, cash crop or dairying areas Excellent for string beans and peas Top area for cauliflower, broccoli, cabbage One mile from good sized town with Full Farm Services available We can meet Greyhound or Trailways bus in Richfield Springs Walter Yaworski, RD1 Jordanville, N.Y 13361 Phone 315-823-2008

For Sale Herkimer County 60 acres, dairy farm, with 94 tie stall barn Buildings outstanding Don't miss out on this excellent farm, $178,000 60 thousand down, owner financing at 10% By appointment Ann Ostasz, Broker, Salesperson Frances Yaworski, RD #1 Jordanville, N Y 13361, Phone 315-823-2008

Farm For Sale - 100 acres, 65 tillable, 20 pasture, large pond, stream, 4 bedroom 2 bath house, new pole barn, Harford Co Maryland on Pa Line $225,000 Attractive owner financing Write P O Box 167, New Park Pa 17352

$100,000 FARM
100 AC N E Penna., Wayne County, Prime tillable and pasture, gently rolling, some woods stream, views, lake site 2-story farmhouse, very good dairy barn needs modernizing, room for approx 40 milkers, Lg. equip barn, sheds 5,000' public road frontage $100,000 George H Zerebak Realty, Rte 370, Lakewood, PA 18439 (717) 798-2113

For Sale by Owner - Roseville, Pa Home - with approximtely 4 Acres with large lawn and garden House - 2 Bedroom, possible 3 Livingroom - Diningroom and open stairway all wall to wall carpet Entry room and enclosed Sunporch opening into Livingroom Also covered back patio Basement Family room with separate entrance Apartment - 2 Bedrooms with Livingroom, Kitchen & Bath all wall to wall carpet. Drilled well and Hot Water Heat Double Garage Convenient to store and church Great Hunting and Fishing area Owner will Finance with Down Payment and Balance at 12% Interest Earl Wood RD #2 Box 157 Mansfield, Pa 16933 717-549-3732

For Sale by Owner 145 acre farm, 53 acres tillable, balance pasture and woodland with mostly hardwood timber, bank barn, house with modern facilities, never failing spring 20 miles north of Williamsport, Pa along Route #15 Buildings 4/10 mile from highway creating privacy and seclusion, price is negotiable, call or write to J LaRue Weaver, RD #1, Box 246, Trout Run, Pa 17771 717 998-2263

Attention Builders!

Need a good man to build a 2 story barn, 48x72, near Chestertown, MD. Interested parties phone 609-452-8903 early A.M. for best results or stop by and see me personally at Root's.

"Jo Jo the Dog Man"

I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.

I need good healthy, clean pups, pure & mixed breeds, 6-8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you!

at

Root's Farmer's Market

RD1 Manheim
Every Tuesday 5 PM - 8 PM
(no phone calls)

Landis Fences, Dublin, Pa.
249-3132
Goint out of business sale.

25% off on Lawn Swings, Picnic Tables & Patio Furniture 10% Discount on all items in stock. Rail, Farm Board, Stockage, Field Fencing, Chain Link, Gates, and pipe

Pressure treated posts and lumber for decking Dog pens, and metal posts

Repair and installation to be carried on as usual by Foreman

WANTED TO BUY CASH BUYER OF STANDING TIMBER

Specializing in white oak white ash & walnut timber.

GUY SEXTON LOGGING CO.

RD #1, Willow Street, Pa.
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FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7.30 to 4.30; Saturday, 7.30 to 12:00, evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola 717-656-7169

DRUMS & BARRELS - New and used plastic steel and fiber Fresh, empty wooden barrels for wine & cider. Local and Long distance delivery Reliable Recyclers, Inc. 114 S Maple Ave., Leola. PA 717-656-4211

PHASE CONVERTERS RUN 3 PHASE MOTORS ON SINGLE PHASE IN STOCK 1½ TO 10 HP. AND UP ON SPECIAL ORDER. FOR MORE DETAILS PHONE 717-676-4504

Guineas, live, dressed, keets; dog houses, fish worms 717-687-8041

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R.D. 1 Box 205C
Kinzers, PA 17535

LeRoy S. Martin 717-354-7702
J. Bernon Smoker 717-768-8639

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FOR SALE
BUTCHERING EQUIPMENT

MEAT SAWS, GRINDERS, STUFFERS, SLICERS, SPLITTING SAWS, TABLE, KNIVES, ETC NEW & RECONDITIONED

MARTIN BAMBERGER CO.
4110 Pinkney Rd
BALTIMORE, MD 21215
(301) 358-9700

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For Sale
Miscellaneous V-Belts
3V, 5V, 8V and A thru D
Call 717-656-2411 for sizes

Belts are available due to obsolete equipment
$$ SAVE DOLLARS$$

D.M. STOLTZFUS & SON, INC.
Talmage, PA 17580

REAL ESTATE

Approximately 25 A of mt land in Seville Township, Perry Co PA Spring good timber Surrounded by state game land, also a log home, finish it yourself, In a residential development in Juniata Co, PA 717-535-5411

For Sale - 170 acre dairy farm with 54 tie stalls in barn. Located in Bradford County Stocked and equipped or bare. Must be seen to be appreciated Phone 717-596-3677 after 8 PM

Farm For Sale - Ebensburg, PA area, colonial home, 4 BR, 3 levels, completely remodeled barn & outbuildings (cattle & horses), 39 acres tillable, 35 pasture & woods, flexible financing for qualified buyer Call 703-385-1785

For Sale - Furnished cottage 1 mile from Lewistown on Juniata River, 120 ft of river frontage, Pa canal frontage, Muskie, Bass, Deer, water skiing, 35 minutes from PSU stadium Part of cottage is historic trolley car $22,500 firm Call 717 248-1239

I want to trade Wyoming land plus cash for farm Prefer northern Pa, Southern New York area Phone AC k307-684-2628

For Sale - 6 room stone house 1½ baths 21x33 carport, closed for winter open for summer Good hunting and fishing near State Game lands Beautiful lawn with fish pond on 3 acres, up to 25 available Owner financing available $58,000 717-436-8536 or 717-734-3083

Virginia dairy farm in the heart of the Shenandoah Valley for sale by owner 265 acres, 235 till., barn is 65x300, freestall with Surge double 6 herringbone, 24x80 upright silo, 2000 gal. bulk tank, lg. 3 bedroom brick rancher with stone fireplace and finished basement, lg. remodeled tenant house and bank barn. Whole setup built new in 1977-78. 804-377-2798

Corning New York Vicinity
Lovely older farm with 133 acres including 17 acres good timber, remainder tillable. House and barns well maintained in pleasant setting. Property near lake, 20 mi from Corning. Assumable mortgage. Asking $92,000. 607-962-1862

Farm house for rent - between Lititz and Neffsville. Christian family preferred. 717-569-0731

For Sale - Bradford Co. fully equipped dairy farm 90 acres. 717-364-5631

Christian family of 6 looking for small farm to rent in Chester Co. 215-384-4721

Dairy of 44 Holstein cows. 717-364-5631

Farm For Sale in Juniata County. Low taxes $198 00 last year, house, barn, other outside buildings. $60,000. Call 717-444-7334

For Sale - 160 acre farm, 110 acres tillable, level to rolling land, all field fenced, bank barn, 2 streams, cattle chutes and scales, 1 mile hard road frontage, 7 rooms and bath, oil heat, north of Chambersburg, 5 miles to PA turnpike, owner anxious Price reduced under $1,000 per acre $35,000 down, balance 12½ percent $50,000 down, 11½ percent 814-259-3311

Dairy farm for rent, Blair Co, 120 til 814 239-2593

For Rent - 160 acres cattle or crop farm, 110 acres tillable fenced, 2 streams, 40x70 bank barn, 7 rooms and bath, oil heat north of Chambersburg, 814 259-3311

REAL ESTATE

Dairy farm & Stock Farm available in the Shenandoah Valley, Va Let us know your needs Please write Attn B.K Rouse, or J Warren Good Jr 703-459-4011 R.J Clower Real Estate, 712 N Main, Woodstock, Va 22664

For Sale - 94 yr old dairy 20wx90Lx16H hemlock frame white pine siding hemlock rafters South Cecil Co, MD 301-275-2213 reasonable terms.

Acreage available in Penn Twp near Rt 233 in Huntsdale area Call or write Gloria S Ewing, Farmers Trust Bldg., 1 W High St Carlisle, PA 17013, 717-249-1019, or 249-2112 eves

7 room house, bath, hot water heat, feed mill, can be used for other business, 5 acres located along beautiful lake, Juniata Co 717-694-3557

For Sale - 1 to 8 acre wood land lots, perced and approved, Perry Co 717-438-3115

For Sale - 112 acre farm located on the Dauphin/Northumberland County line near Susquehanna River Most land tillable Large farmhouse, barn and other outbuildings For information call 717-597 8708 after 5 P M

95 tillable acres for sale near Millmount Pa lime stone soil, borders large stream, 22 acres pasture, farm in high state of cultivation 717 922-1410

Wanted - 100 to 300 acre farm with house and buildings on shares with option to buy in the future. Starting crop year 1983 DE, MD or VA Write Box 366 A-35 c/o Lancaster Farming, Lititz, Pa 17543

REAL ESTATE

FARM FOR SALE - Nice 58 acre farm in Juniata Co. reduced to sell Call 717-527-4093

Several large and small farms. Tracts of land, building lots Terms. Write Box 366 J-229, c/o Lancaster Farming, Lititz, Pa 17543

Cambria Co., North Ebensburgh. Dairy Farm-118 acres tillable, tile drained, over 1 mi rd frontage on 2 sides, bank barn, with 2 Harvestores and silo, milk house. Two 2 story, 3 bedrm homes, cottage, garages and other outbuildings All in sound condition Former retail dairy business Best location in area $180,000 Additional acreage available. Also, 70 acre crop farm for sale
Gresh Real Estate
814-266-3129 or
814-467-7103

3 A farm with established produce, fruit and X-mas tree business Beautiful 4 bedroom home, chestnut woodwork, large rooms Terms. Write Box 366 J 230, c/o Lancaster Farming, Lititz, PA 17543

Franklin County modern dairy farm For Sale - 157 acres mostly limestone with stream thru farm, 16 stall Pologon parlor with 2" pipeline, 1500 gal milk tank, Freeheater, free stall facility for 200 cows Million gallon manure pit, 4 car garage, 45x60 enclosed machinery shed, 8 room house located within 4 miles of Chambersburg, Pa Possession immediately if desired Owner selling 717-263-5890

30 acres, Paradise, four bedrooms 717-442-8186 Will divide place Sale Firewood.

REAL ESTATE

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853 evenings and weekends

30 acre farm with large hog finishing operation House in need of repairs and remodeling. Immediate income. York Co. Terms. Write Box 366 J-228, c/o Lancaster Farming, Lititz, PA 17543

Nice level 185 acre modern hog farm and grain storage, Huntingdon Co Priced to sell. 25% down, balance financed at 10% 814-447-3725

HUNTINGTON CO
168 acre farm with nice 8 rm and bath home, bank barn, lg workshop, farrowing house, lg cave, approx 60 acres of timber, farm borders creek, has hard road frontage, conservation plan in use, many other extras, $170,000.
WOODLAND
50 acres ridge land, approx. 25 acres hardwood, balance pine fields, spring water, nice view, twp road frontage, $38,500
Colonial Real Estate Agency
814-447-5511

Wanted - rundown farm or land within 50 miles of King of Prussia Include price, terms, tillable, taxes Box 162, Cynwyd, PA 19004

REAL ESTATE

Large 4 bdr secluded country home, York Co Terms. Write Box 366 J-227, c/o Lancaster Farming, Lititz, Pa. 17543

For Rent - 4 room house, middle aged couple, nice yard and parking. Neffsville, Lancaster Co., 717-569-1170

Large hog operation with 20 acres. Immediate income from operation. York Co Excellent terms. Write Box 366-J 231, c/o Lancaster Farming, Lititz, Pa 17543

100 A grain, produce, beef and hog farm, 3 homes, stream, pond, beautiful setting Finish 8,000 hogs/year. York Co Terms. Write Box 366 J-232, c/o Lancaster Farming, Lititz, Pa 17543

For Rent 57 acres of good meadow range in Lebanon County, good fences and feed lot and large silo 717-569-0416

Cambria Co, Ebensburg area (near Loretto) Chalet home with cathedral ceiling, fireplace, wrap around deck and scenic view of Christine farmland on all sides 3 bedrooms, brick and cedar, only 4 yrs old situated on 3 landscaped acres, postcard setting Outbuildings $88,500 Additional land and commercial garage available
Gresh Real Estate
Johnstown, PA
814-266-3129
or 467-7103

REAL ESTATE

REAL ESTATE

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

SPRING AND IMMEDIATE POSSESSION

CABIN AND PANORAMIC VIEWS. Adjoins state game lands. As low as 10% interest. B-155 PH: 717-265-3171

DIARY FARM - 157 acre operating dairy farm, almost new barn, 46 stalls, S.S. pipeline, barn cleaner, 650 tank, 4 DeLaval milking units. 15'x34' Seal Stor lease silo. Large machinery shed. 8 room partially remodeled house. Possible mortgage assumption of $115,000.00 Priced at $165,000 W-605 717-724-5921.

148 ACRE BEEF/SH[illegible]P FARM, fenced & cross fenced. Beautiful home w/wood-oil heat, fine set farm buildings include large barn, drive-in heated shop, garage, etc. Frontage on 2 roads. Assumption of $64,000 mortgage possible at 12% Level to rolling land in Sullivan County, high recreational area close to Canton, Pa. Price $162,500. Real Estaters of Troy 717-673-3298.

IMMEDIATE POSSESSION - 106 acre dairy farm, all good tillable or pasture with lease ground bordering. 64 comfort stalls with bunk seeder and new double 3 milking parlor with 1000 gal. tank 2 concrete stave silos with unloaders 40 HD heifer barn, mow conveyor, shop, corn crib, pole barn, nice home with new heat. Just $115,000. Our best buy this year due to death in family, so hurry. M-358 PH 717-662-2138.

13½ ACRES - some wooded, stream frontage on black top road, Septic approval, owner financing $12,900.00 B-150. PH: 717-265-3171

TIOGA CO. - 172 acre dairy farm, 48 tie stalls. Heifer room, 3 stall parlour or milk in barn, bulk tank, milkers, barn cleaners, large house partially remodeled. Everything ready to go. Possible FMHA financing to qualified buyer. Owner anxious at $125,000. W-613 PH· 717-724-5921

NEW DAIRY FARM LISTING - Priced for the beginner. L shaped dairy & heifer barn. 35 comfort stalls. Tiled manger. New barn cleaner chain. 80 high quality tillable acres. 100+ total acres. 2 wooden silos. 4 bdrm house. $80,000 refinancible - FHA and FLB money $99,500 M-352 PH: 662-2138.

AFFORDABLE CAMP - Rustic, 4-room hideway on 11 + Acres. Land is ½ wooded w/year-round stream and small pond. ¾ mile to State Land. $2,650 down, $139/month for 7 years. (12% int) $10,500. Tioga Co. C-672 PH: (814) 367-2249

WALK TO EXCELLENT FISHING - Choice of 1.5 to 35.45 acre tracts from $3,950 to $17,500. Borders State Land & near Pine Creek for fantastic recreation. Several building sites with utilities nearby. Stream through property. Some owner financing. C-686 PH: (814) 367-2249.

150 ACRE FARM FOR $69,000 - Remodeled 4 BR, split level, home near Tioga-Hammond rec. area. Wall to wall carpet, spring water, barn/gar. combo. ½ open w/bal. hardwoods. Exc. hobby or beef farm. $25,000 down, 12% int., 20 yrs., Tioga Co. C-598 PH: (814) 367-2249.

$295 PER ACRE-FINANCED - In exc. hunting area of W. Steuben Co. 70 A tract features approx. 20 A lge pines & 50 A hardwoods. Perfect cover for deer & turkey. Streams nearby. 29% down, 10½% int. years neg. Reasonable offers considered. C-536 Call 814-367-2249.

HARD TO BELIEVE - Gently rolling 10.9 A for only $8,950. Mostly wooded w/great building sites. Genesee River thru property for fantastic fishing. Exc. area for the avid sportsman. 25% down, 11½% int. 5 years. E. Potter County. C-6711 Call 814-367-2249.

NEAR STATE LAND & PINE CREEK - 3 BR, 2-story home on ¾± A. Septic on site, spring water, lge. garden area. $7,000 down 10½% int, 20 yrs. $158.75/mo. 10 yr. balloon. $22,900. C-721. Call 814-367-2249.

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WESTFIELD, 108 Main St 814 367-2249
MANSFIELD, RD 1 Box 41 662-2138
TOWANDA Bridge St 265 3171
TROY, 41 Lycoming St 717-673 3298
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120 acre dairy farm w/brick 2 story 5 bedroom house. 60 stanchions w/pipeline and 800 gallon tank. 45x90 implement shed - 20x70 silo, 12x50 silo, feed bunk in heifer pen, 100 acres tillable, can be purchased in midseason with or without cattle and equipment.

Call today,
we can settle tomorrow

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717-291-2270

Sylvester Baum, Carlisle, 717 776-3967
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Mahlon Oberholtzer, Lancaster, 717 392 1177

Broker-J Irvin Denlinger
717-898-8962

VARIETY OF FARMS

Large and Small

Farmettes, Country Places, Wooded Tracts

Lancaster, Juniata, Snyder, Franklin, Cumberland, Montgomery, Montour, Northumberland and York Counties

For information call:

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

FOR SALE

Five bedroom farmhouse and slaughterhouse on 2½ acres in Heidelburg township Zoned agricultural Slaughterhouse has over 3,000 sq feet and includes all office and butchering equipment-refrigeration unit in boning room, digital scale, meat saw, meat grinder, stainless steel tables, split saw, hoist cradle freezer, and beef cooler Farmhouse can be divided for two families Listed at $125,000

Paul Rausch Real Estae
Call 717-867-2445
V Carl Gacono

IDEAL RETIREMENT FARMETTE

Beautiful farmhouse, completely remodeled. For sale by owner in Tioga Co., PA. On blacktop road, 5 minutes from Wellsboro, PA, 16 acres, stream through property, excellent view. New white vinyl siding, new roof, Anderson thermal pane windows, 3 bedrooms, new full bath upstairs. Downstairs-living room, dining room, den, new kitchen cabinets, ½ bath. New wall to wall carpeting. Large barn, 52x40 workshop & garage. Newly painted white. Don't miss this beauty. Only $74,500, Owner financing @ 12% mortgage.

Write: Box 697
Wellsboro, PA 16901
or call days
717-724-3123
evenings 717-724-1339

BERKS COUNTY

40,000 Layer
Capacity operation near Shoemakersville, built 1977, 60 acres, 10 stall bank barn, 5 stall horse barn, riding ring, modern 5 bedroom home, 2-2 bedroom mobile homes, 50 acres tillable, 10 pasture, $395,000. Can be divided.

Horse or Beef Farm
15 acres in quiet secluded setting, Strausstown, Bethel area, renovated 3 bedroom sided log home with family room addition, 36x60 bank barn, shed with workshop, new pond, stocked with bass and sunnies, stream, 4 acres wooded plus 200 Austrian pine seedlings, call to see, $93,500.

Call us for mountain land or for your rural Berks need.

Free log home literature.

Blue Mountain Realty
R.D. 1 Rt. 183
Bernville, PA 19506
215-488-7614
or 7745

REAL ESTATE

For Sale - 133 A dairy farm, 95 A tillable. large house, barns, lake & pond on property York County Delta Area 717-394-6334

For Sale - 110 acre farm Lykens Valley Dauphin Co 717-362-9233

Poultry hog operation Rural Bird-In-Hand area 11,600 cage layers. Bank barn with improvements and large shop. Two-story Amish farm house, 3 2 acres. $125,000 - financing available to qualified buyers at 13¼% w/40 yr. term. The government reserves the right to reject any or all offers. This property will be sold without regard to race, creed, color, sex age, marital status, or national origin. Contact FmHA, 1383 Arcadia Road, Lancaster, PA 17602. (717) 393-4760

For Rent

Excellent livestock and horse accommodations, 3 barns, large silo, Patz 100' bunk feeder, 4 headgates and chutes, 150 acres pasture, 100 acres hay, 40 acres corn, several creeks, 13 gravity flow spring watering tanks Will rent as entirety or divided

Twin Valley Farms
Breezewood, PA 15533
Bedford County
814-784-3102

BERKS CO.
12½% Financing

122 acres, Albany Twp., productive orchard with substantial income potential, beautiful setting, native woods and tillable fields $2000 per acre

Thomas W. Van Duren, Realtor
215-756-6318
M.L.S.

42 acres with modern 100,000 broiler setup Near Shippensburg

15 acre Farmette, near Middletown

77 acres with house and barn in Path Valley

Other Farms
VanCleve Real Estate
717-392-3032

Need a Tax Shelter?

240 acre farm in Juniata Co ideal for beef or grain 140 acres tillable, 85 acres woodland, 15 acres meadow w/pond Frame house and bank barn

Qualified farmer willing to work farm for buyer

Asking $700/acre firm

Call Owner
717-436-8309
before 8 A.M. or after 5 P.M

CARROLL COUNTY STOCKED DAIRY FARM

160 free stall barn, double 6 parlor w/3" milk line, dairy w/1,000 gal. tank, silo & feeder - ONLY 3 YEARS OLD!! Full line of machinery and 200 head of dairy cattle on 122 acres with farmhouse and house trailer Dorothy Pool, (301) 848-5899.

CHRIS SHIPLEY INC.
REALTORS
(301) 876-1626

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

NORTHEASTERN NEW MEXICO

1440 acres, 650 acres farmed with 590 acres flood irrigated from Conchas Lake Irrigation water for less than $15 per acre per year 7500 feet concrete ditches, 80 acres bermuda pasture, 50 acres alfalfa, 150 acres wheat 2 nice homes 1 four bedroom tri-level and 1 three bedroom plus outbuildings Will sell land with or without 120 beef cows, machinery, feed and crops Property taxes 1981, $770 Dairy potential Ideally located near Conchas and Ute Lakes, this farm offers the versatility for any livestock, cotton, grain or vegetable combination George Faver, Rt 4, Box 45 Tucumcari, New Mexico 88401, 505 461-0507 evenings

New Sacrifice Price - $160,000

Franklin Co. - 97 acre dairy farm, 39 comfort stalls, owner paid $160,000 before adding brand new dairy set up. Hurry - be the first one to benefit from this new sacrifice price!

Call **Henry H. Gehman, Realtor**
215-445-6653
RD 3595 Mohnton, PA 19540

CENTRAL N.Y. FARMS THIS WEEK'S SPECIAL

#276 - 288 acres dairy farm w/113 free stall barn, double 4 parlor, 20x80 & 20x40 Harvestores & 2 - 24x60 cs silos w/auto feeding system. Nice remodeled 3 br home w/1½ baths & 2 car garage. Priced to sell at $295,000 with minimal down payment & take over 5 & 10% mortgages.

Call Clyde & Nettie Young, Slsm.
No. Norwich 607-334-2519
Boyd A. Resseguie - R.E. Broker
Ph. Tully 315-696-8446

FARMS & LAND

F1-26 Perry Co general farm, 180 acres, 90 tillable Long, wide field easy to work, suitable for long landing strip . . Reduced to $199,000

F1-02 A diamond in the rough 103 acres w/log house for only $69,000 Snyder Co Some owner financing possible

F1-31 Perry Co general farm, 171 acres 90 acres tillable, 2 story stone home which you must see to fully appreciate Spring This is a beautiful farm, good soils, owner financing on one half $249,000

Other Farms Also Available

BOWEN AGENCY, INC.
(717) 374-2165

Phil Graybill, GRI
717-374-8038

Don Bashore
717-436-9213

REAL ESTATE

York Co. - 45 acre farm w/12,000 Christmas trees, barn, corn crib and loads of road frontage, 30 acres tillable, Delta area 717-394-6017

A-frame 3 bedroom home has drive-in, full basement w/wood stove Just 2 yrs old, located on 8 acre wooded lot in Tioga Co overlooking lake 717-835-5433 or 717-835-5671. $70,000

REAL ESTATE

SALE BY SEALED BID

Jackson Twp., York County, Pa.

72 acres M/L, zoned 'o', cleared/wooded, rolling/level, side/rear boundary overlooks countryside. Southern & Eastern exposures electric/telephone

Three (3) mile to Spring Grove, convenient to Harrisburg, Baltimore, Philadelphia, York, Hanover and York Airport.

Appointment to inspect or conditions/terms, please phone (717) 843-4514 after 5 P M

Submit purchase bids to M E Hassler, Owner
1499 W Princess Street, York, Pa 17404
Bid deadline June 5, 1982

NEW LISTING

217 acres good land, 200' 60 cow dairy barn, 2 - 20x50 concrete silos, 20x27 Harvestore, 6 bedroom home, large machinery building, nice location, A very good buy at $150,000 90 head of cattle and full line of equipment for $105,000

Send for Free Farm List

Posson Realty
RD 3 Norwich NY
13815
607-334-9727

Bradford Co. 125 acres $69,000 Ideal sheep or beef farm About 70 tillable Year round stream, drilled well Older three bedroom farm home Garage and shop building, older silo and grainary Low down payment with owner finance

UNITED FARM REAL ESTATE

UNITED FARM AGENCY OF PA. INC
RD 1 Towanda, PA 18848
Tel.
717-265-5924

400 tillable acres, 200 pasture and woods. Large level to rolling fields, operating dairy farm 2 sets of buildings, need updating but solid. Owner retiring. Long term owner financing @ 10% 120 day growing season. Southern N.Y. $198,000.00

LEW Real Estate
Dick Wilson - Broker
141 Chestnut St.
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607-937-5637

CENTRAL NEW YORK FARMS

410 acres, 170 tillable, 90 ties, 800 gal tank, 3 silos pipeline system Two good homes Chenango Cty **$330,000.00.**

206 acres, 100 tillable, 49 cow barn, 500 gal tank, one silo. Very good home Otsego Cty **$145,600.00.**

Send for free brochure
- EARLVILLE, NY-
315-691-3011

BATES REAL ESTATE INC

For appt. only
Charlie Jackson
607-859-2769

TIOGA COUNTY

ADJOINING STATE LAND. 2½ acres all wooded with large hardwood timber. Located near Little Marsh. Excellent Hunting. $1000 down, $90 per month for 5 yrs. 12½ percent simple interest. Sale Price $5,000. FREE CATALOG AVAILABLE.

WM. P. CONNOLLY REAL ESTATE
P.O. Box 467
Wellsboro, PA 16901
Ph. (717) 724-2565

REAL ESTATE

For Sale- Beautiful remodeled 4 bedroom farm house, custom oak kitchen wall to wall carpet, w/large garage Also 2 large block buildings 30x120 ideal for business or other income potentials on 8½ acres of woodland, Perry Co 12½% financing available

717-582-2352

FARM FOR SALE

37 acre hog farm w/100 sow capacity farrowing unit house historic stone farm house bank barn, several other storage barns and shed Possible owner financing Located within 40 minutes of downtown Wilmington DE, and 45 minutes of Lancaster in Southern Lancaster Co

If interested contact:
Lancaster Production Credit
R.D. 1 Box 27A
Quarryville, PA 17566

CENTRAL NEW YORK DAIRY FARM

Located 45 miles south of Rochester, 5 miles from school 300 +or - acres of level loam soil, 200 acres tillable balance pasture and woods, modern 36 x 110 foot barn w/pipeline milker and bulk tank, heifer shed and 30x50' machinery building, 18x50' and 20x60' concrete silos w/unloader and bunk feeders Good 2 story early American house 8 rooms, including bath, oil and wood heat, asking $165,000 negotiable w/owner financing

Jerome Eckert
Box 114 Ulysses, PA
16948
814-435-2314

10% DOWN - 10% FINANCING
LARGE FARM - MIFFLIN COUNTY

Yes, this is the deal you have been waiting for - 160 acres tillable-riverbottom and limestone ground-Stone House with spring in basement, and barn Total 430 acres. Private setting at end of township road. Nestled in a picturesque valley extending over a mile along the Juniata River and along woodland on the other sides No neighbors! Truck farming possibilities Old Railroad siding on property Buy subject to Land Bank financing, balance now under $100,000 Owner will finance balance of purchase price above down payment at 10% interest over 20 years Negotiable balloon payment For the investor, there is great deer and turkey hunting, fishing, and farmers nearby to rent the long level fields, which average over one-half mile in length Asking under $900 per acre for the entire package Subdivision possible Call now because this farm won't be for sale long CALL (814) 643-5010 or (814) 643-1309

FARMS FOR SALE

CENTRAL NEW YORK - Between Seneca and Cayuga Lakes 7 miles S of Seneca Falls just off Rt 414 110 acres of level loam soil - 100 acres tillable Nice 5-bedroom, 2-story frame home Priced for quick sale at $94,900 Owner will finance for 20 years at 10% interest with 30% down

ELIZABETH TWP. - LANCASTER CO. - Approximately 100 acres - perfect for the horse or gentleman farmer. Beautiful private setting yet close to Rt. 322 and turnpike. Acreage is approximately ⅓ pasture, ⅓ tillable and ⅓ woods. 2 trout streams and a large pond on the property. In addition, there is a 2½-story stone house, tenant house, log house, tobacco barn, bank barn, pig house, and corn crib. Price: $400,000

HIGH REALTY CORPORATION
REALTORS
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FOR RENT

74 stall dairy barn with pipeline, silos and barn cleaner in S Lanc Co
House available
215-222-4708
717-529-2379

We Have A Large Selection of DAIRY FARMS Located in the "Heart Of The Dairyland"! For More Information or Free Brochure CONTACT:

L.C. CHRISTENSEN & CO.

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Box 400 Abbotsford, WI 54405

REAL ESTATE FOR SALE

LANCASTER COUNTY

123 Acre beef and poultry
113 acre general farm
77 acre dairy farm
4.88 acre lot approved for mobile home
10 acres wooded w/house and pavilion
8 acre farmette w/house, barn and never failing spring
4.88 acres w/24x36 two story hip roof barn, mobile home permitted

BERKS COUNTY

81 acre general farm
38 acres general farm along rt. 422 in Stouchsburg, PA zoned agricultural, commercial and residential, will subdivide
34 acres, 18 acres wooded balance open
20 acre campsite w/2½ story dwelling
10 acres w/bank barn
30 Acres, no bldgs., all tillable.

LEBANON COUNTY

38 acre beef and veal calf operation

CHESTER COUNTY

30 acre general farm, ideal for horses.

CUMBERLAND COUNTY

128 acre beef and dairy w/stream greatly reduced for quick sale.
28 acre country option including new and used furniture stores, beautiful 4 bedroom stone dwelling. Call for details.

PERRY COUNTY

57 acres w/lg. bank barn.
35 acres till., 18 acres wooded, 4 acres meadow

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Real Estate Broker
734 Main Street,
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717-859-1004 With 24 hour service
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717-394-2689
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717-529-2678

GOOD BUY

157 acre farm 80 tillable, 56 cow barn, 2 silos, machinery barn, four bedroom house. $125,000 Financing available

DON'T WAIT

315 acre farm, 130 tillable, 54 cow barn 1000 gal bulk tank, pipeline, good 10d room house, $145,000 Stock and equipment available.

SHOWPLACE FARM

Great setting with paved drive, leading to excellent building, all on one side of road, 310 acres, 100 river flat, 112 freestalls, silos, large heifer barn, beautiful brick colonial home $275,000

We specialize in dairy farms.

Send for free property list

McKEE REALTY
Roger McKee Broker
Main Street
Cincinnatus, NY 13040
607-863-4181

FREDERICKSBURG $105,000
28 Acre hosts a 3 bedroom 2-story home 2 baths, laundry Good horse country

HUMMELSTOWN $139,900
5 bedroom 2-story set on 2 4 acres. 50x70 barn w/11 stalls

HARRISBURG $185,000
60x140 arena, 150x300 riding ring, 2 paddocks, stable & 2½-story home 7.55 acres.

HUMMELSTOWN $235,000
12 acre farm suitable for trainer-breeder or equestrian family 10 stall barn

HUMMELSTOWN $675,000
80 Acre Colonial Estate 20 horse bank barn 5 bedroom brick home. Penthouse.

STUARD DERRICK REAL ESTATE, INC.

The Gallery OF HOMES
Colonial Park 652-4800
Hershey 534-1300

Over 50 Years

UNITED

Lakeside Horse Farm

See PHOTOS in catalog ..Pretty 35-acre N.Y. farm fronts on small lake. Circa 1800's home has 7 bedrooms. 3 barns, 4 horse stalls, kennel, carriage shed Reduced to $88,900.

Dairy Value

400-acre N.Y. hiway farm has 180 acres tillable. Newer 4br home with many extras. 38x100 barn, 41 tie stalls, space for 16,000 bales of hay, 40x110 barn, 57 stanchions, 2 silos, other bldgs. $190,000

A Farm With Class

See Photos in Catalog .211 acres of prime Pa. farmland, 97 acres tillable. Spacious circa 1906 3-story brick home, needs a little T.L.C., 4 bedrooms, beautiful cherry staircase. 40x70 beef barn $240,000, liberal owner financing

NEW...FREE SUMMER Catalog! Please specify type property and location preferred.

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P.O. Box 7891-LF Lyell Station
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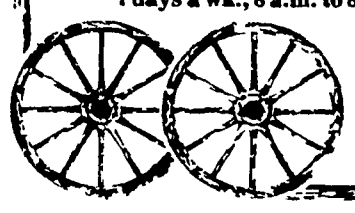
7 days a wk., 8 a.m. to 8 p.m.



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Exclusive Listings throughout Central PA

- 14 Operating Farms - Bedford, Blair, Centre, Clinton, Huntingdon, Lycoming, Northumberland, Montour & Somerset Counties
- 7 Farmettes - Centre, Clinton & Huntingdon Counties
- 30 Rural Land & Cabin Listings

Please call or write for free detailed lists. See May 1st/May 29th issues for complete farm inventory

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705 (Lewisburg) Larry W Platt (717) 568-5563
Don Myers (814) 422 8111 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J Kissinger, Realtor
William H Leonard Realtor
245 S Allen St ,
State College, PA 16801
(814) 234-4000

BEDFORD COUNTY

2½ story nine room brick home in the middle of 115 acres, barn, good spring water, 2 miles of road frontage, $134,500, 10% financing available

30 wooded acres long road frontage, $21,000, 10% owner financing

22 5 acre horse farm, w/17 acres of fenced in pasture w/stream, 3 BR log ranch home, machine shed and outbuildings, quiet rural setting, $58,000

87 acres (½ wooded and ½ open), spring run, fantastic view, borders state game lands, $69,500 Terms available

31 wooded acres bordering state game lands, $24,500 12% financing available

2 9-4 6 acres, restricted septic approved, rural building sites. $2200/acre w/easy terms

2 story 4 bedroom remodeled farm house, barn and outbuildings on 8 acres, w/spring fed pond, stream and small pear orchard, $49,500.

42 mostly open acres, w/good 2½ story home, large barn, stream, springs, great secluded location. $82,500

2 story brick building w/partially remodeled second floor living quarters, located in small village near good hunting and fishing at nearby Lake Raystown. Only $13,500.

Paul Plovish Real Estate
5th Avenue
Everett, PA 15537
814-652-5226

CENTRAL NEW YORK OFFICE

INCLUDES 80 JERSEYS plus tractors and all machinery Very sightly 177 cow farm has 130 tillable acres in gently rolling fields Nice location just 20 miles from Downtown Syracuse Excellent barn accomodates 47 milkers, has 2 silos and Patz cleaner Heifer barn 100' machine shed Gracious 10 room colonial home THIS IS AN ATTRACTIVE FAMILY FARM WITH 5 59 HERD, FOR APPT CALL 315 469 3177 eve or WIMPLE'S SLOANSVILLE OFFICE 518 875 6355 ALSO OTHER FARMS IN SYRACUSE AREA

SOUTHERN NEW YORK OFFICE

LOOKS OVER SENECA LAKE· 57 acre handyman's farm suitable for hay, grain or vineyard, 48 acres tillable with 8 acre woodlot Old 10 room home has drilled well and needs TLC Carriage house GOOD TERMS AVAILABLE AT $34,900 CALL WIMPLE'S TRUMANSBURG OFFICE 607-387 9303

ST. LAWRENCE VALLEY OFFICE

JEFFERSON COUNTY'S FINE ALFALFA SOILS are on this 200 acre farm with 165 tillable and 100 acres in alfalfa Excellent Gambrel-roof barn only 8 years old and stanchions 50 on Universal pipeline, has Badger cleaner, 20x50 concrete silo w/unloader Also hay/machinery & young stock barn Pleasant 4 bedroom home 44 milkers, 20 Y S tractors and all machinery for $195,000 or $110,000 bare WIDEST SELECTION OF FARMS IN THE ST LAWRENCE VALLEY MANY WITH UNBEATABLE OWNER TERMS CALL WIMPLE'S GOUVERNEUR OFFICE 315-287 4163

OVER 275 NYS DAIRY FARMS LISTED. ALSO ALL SORTS OF OTHER FARMS LET US KNOW YOUR NEEDS AND WE WILL HELP MATCH YOU WITH A FARM THAT IS WORKABLE FOR YOUR SITUATION

FREE DAIRY CATALOGUES

PENNA FARMS

CUMBERLAND CO.

158 Acre General, Owner Financing.
153 Acre Dairy, 40 comfort stalls

HUNTINGDON CO.

166 Acre General, spacious brick rancher.
144 Acre Dairy, 1000 gal. bulk tank.

PERRY CO.

106 Acre Dairy, 2 silos, no dwelling

"GIVE US A CALL"

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

33 acres secluded, 20 wooded, no buildings, stream Call Mr. Niesley

25 acre dairy farmette, new 2 story brick house, 50 comfort stalls, 2 silos, new implement shed. Call Mr Niesley

FRANKLIN COUNTY

170 acre limeston[SOLD] dairy, 18 ties, 2 silos Call Mr Craw[SOLD]

JUNIATA COUNTY

144 acre general, [SALES AGREEMENT] remodeled 2 story frame h[SALES AGREEMENT] other buildings, 2 stream[SALES AGREEMENT] Benner.

60 acres of timberland. Call Mr Benner.

31 acre farmette. Remodeled 2 story frame house, small barn and other buildings. Stream Call Mr Benner

20 acres of open ground. No buildings. Call Mr Benner

5½ acres wooded, ½ hard, ½ X-mas trees (Reduced). Call Mr. Bitting.

PERRY COUNTY

70 acre general - 2 story frame house, bank barn and other buildings Call Mr. Bitting

19 acre farmette, new 2 story southern colonial brick and aluminum house, situated on ridge, fantastic view, 30x48 barn with horse stalls, stream, secluded, near New Port Call Mr Benner

1¼ mtn. lot. Hunting, fishing, snowmobiling & skiing within walking distance Call Mr Bitting.

SNYDER COUNTY

65 acres general, 2 story frame house, barn, and out bldgs with stream. Call Mr. Benner

21 acres wooded land, 1500' frontage. Call Mr. Benner.

JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

REAL ESTATE

BERKS CO.
70 Acres
12½% Financing

Barn, orchard, native woods, Kempton area $2000 per acre

Thomas W. Van Duren, Realtor
215-756-6318
M.L.S.

Berks County

Perry Twp east of Shoemakersville off of Rt 662 12 acres more or less w/40x340 chicken house & 60x80 egg plant, concrete floors, sales area, cooling room, processing room, large storage room & Mechanical room 400 ampere service, w/an emergency electric generator, 2 wells & loading dock Also suitable for light manufacturing or com mercial business (zoned commercial)

Gerald A. Epting Real Estate
401 S 4th St
Hamburg, PA 19526
215-562-2227

REAL ESTATE

Modern 450 acre beef & broiler set up, grain bins & dryer, mostly all tillable, prime level ground, 2 modern homes, poss owner financing, will divide, Amish neighbors, $900,000

Amish neighbors 130 acres, 60 tillable, 30 pasture, balance wooded, 8 room home, extra large bank barn, 10x50 & 16x50 silo, grain storage 32x80 barn $150,000

28 Stanchion Dairy Barn plus heifer barn, silo, no house 4¼ acres $29,000 More acreage avail May be rented with option to buy Located in Lavell

Lykens Valley Farm 100 Acres, 90 tillable, nice home, possible terms 10% down 12% interest $250,000

4 400 500 A farms, 200 400 A tillable, Grain beef or vegetable operations Lg grain storage $1500 to $2000 per acre Amish neighbor within 3 miles of one of these

62± acre general far, private setting large 12 room home, coal or oil heat 30x60 bank barn 35 tillable, 15 pasture, 10 wooded Possible owner financing, 25% down 12% interest $79 000

75 acre farm, 3 bedroom home, bank barn, 40 tillable 30 pasture, 5 wooded, 2 streams $85 000 Possible owner financing

Plain Acreage

49 acres secluded but near 181 15 tillable balance wooded, some timber, excellent deer hunting, possible terms at 12% interest $39 000

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
717-758-9177

REAL ESTATE

NEW YORK STATE
CHAUTAUQUA COUNTY

185 acres, 140 tillable (part gravel), 35 woods, 8000' frontage, Good 3 BR home, 36x134' hip roof barn w/46 ties, 2 silos, corn cribs, machine storage, large garage, $150,000 Owner financing @ 10%.

269 acres, 160 tillable, 44x126 steel frame barn, w/new double 4 parlor, 63 freestalls, 12x40 & 24'x60' silos, 30x60 2 story heifer barn, and 40x60 machine storage, Good 3+ bedroom home, oil and wood heat, $60,000 assumable mortgage; $130,000.

Many other farms available

SOUTHWEST REALTY
191 W. Main St., Sherman, NY 14781
716-761-6004

REAL ESTATE

157 ACRES all open complete modern beef cattle operation Hagerstown soil high fertility Ph 7 2 Macadam road frontage 2 dwellings two story good condition 40x90 two story barn with automatic bunk feeders Modern 40x80 feet breeding barn with large oak fence corrals and holding area Three concrete stave silos concrete block machine sheds and storage buildings Good fencing Asking $285 000 seller financing

103 ACRES level all open high fertility Hager stown soil Ph 6 8 macadam road frontage two story nine room dwelling 1800 sq ft two story 45x84 wood bank barn 18x55 Ribstone silo with unloader storage and other buildings Present use beef could be converted to dairy Located ¼ mile from above described farm Asking $195 000 seller financing

135 ACRES DAIRY FARM, 6 miles east of Bellefonte 123 acres tillable Hagerstown soil pH 6 8 level to moderate slope 23 acres alfalfa dwelling 4 bedrooms modern ranch barn 2 story wood 40x80 w/40x40 attached loafing shed PRESENT USE DAIRY 30 stalls pipeline Patz cleaner, 750 gal bulk tank Corostone silo 16x55 Jamesway unloader, trench silo early possession Asking $225 000 w/seller financing

REAL ESTATE
CENTRE
2212 NORTH ATHERTON ST
STATE COLLEGE PA 16801
(814) 234-1150

FOR INFORMATION CONTACT
Miles Clevenstine
814-383-2755

Richard L. Evelhoch, Broker

MAILBOX MARKET Advertising and SUBSCRIPTION FORM

will be found on Page B35

REAL ESTATE

FOR SALE BY OWNER

Home & Acreage, 2 miles North of Duncannon, PA Perry Co.

6 room frame house (oil hot air furnace, 80 gallon electric water heater)

20x40 full 2-story horse barn, built 1970, h[illegible]ctric & water ALSO· Riding ring

Excellent deep well (30 gal/min), Sub-mersible pump

Outstanding building sites on high bluff overlooking both Susquehanna & Juaniata River Vallies

Can be purchased with 15, 35, or 55 acres & up to 3118 ft of desirable road frontage

CONTACT
OCCUPANT, Box 205, RD#2, Duncannon, PA 17020
717-834-3674

LEBANON COUNTY

DAIRY FARM YOU DON'T WANT TO MISS...
Excellent Terms..... Call TODAY!

BERKS COUNTY

1300 ACRES...ALL CONTIGUOUS...Several Sets of Bldgs. Total Package Under $2,000 Per Acre..... CALL FOR DETAILS!

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

Longacre
FARM AND COUNTRY ACRES

BERKS COUNTY

50 acre farm features lovely 2½ story, pointed stone home w/large kitchen, living room, center hall, 3 bedrooms & bath, large pond, stream, small barn, machinery shed, grainery & sheds 20 acres box wire fencing Call for details $117,900

97 acre dairy farm level limestone soil, 50 cow stall barn w/pipeline bulk tank features lovely 2½ story brick home w/modern kitchen, living room, 3 bedrooms & bath 6 bedrooms second floor Group heifer facilities 20x60 concrete silo 17x45 silo w/unloader large 3 car garage, 80x30 machinery shed & corn crib, pasture w/stream, lovely setting operating farm $350 000

12 acre features lovely pointed stone home with modern kitchen formal dining room, 3 large bedrooms 2 baths large living room with fireplace garage barn exceptional value ~~$97 000~~ Reduced to $89 500

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath 2 car garage bank barn 2 machine sheds corn crib silo & much more A very lovely setting **~~$385,000~~ Reduced to $300,000**

SNYDER COUNTY

96 acre general farm 60 tillable with nice 2½ story frame colonial double home, 11 rooms 2 baths 2 kitchens all in good condition Large barn set up for 10 000 broilers trout stream on property good hunting & fishing area Reduced to $115,000 Owner financing available #307

188 Ac general farm w/68 A hard timber good 4 bedroom home w/kitchen, LR & Bath very nice laying ground & much more $175,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

65 Acre general farm w/88x45 barn w/block addition Large 90x36 implement shed, lg combination corn crib & shed Lovely 2½ story home w/kitchen, dinning room living room 3 bedrooms & bath Completely remodeled $125 000 #344

BRADFORD COUNTY

4 Acres w/lovely 2 story home, kitchen DR LR 4 BR & bath, fruit & nut trees Asking $33 300

180 acre, 150 tillable, level land to gentle rolling beautiful big new rancher w/fireplace, barn remodeled w/new addi tion 58 tie stalls could easily add 16 stalls bulk tank dum ping station 18x65 concrete stave silo w/unloader heifer barn & machinery shed Located on macadam road Sets very nice must be seen to appreciate All for **$225,000** Cattle & machinery optional Additional acreage available for rent

SUSQUEHANNA COUNTY

140 acre dairy farm 95 tillable gently rolling to almost level A picture clean farm operation with 42 stanchions stainless steel pipeline 2 box stalls 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders 650 gal bulk tank 2 large poll sheds for machinery & heifers frame 8 room 2 story house modern kitchen 1½ baths carport & patio Must be seen to appreciate $225 000 #324

437 acre dairy farm 50 stall barn with pipeline bulk tank barn cleaner & 18x50 14x50 & 12x40 silos Heifer barn & machinery shed, shop & garage Lovely stone & frame Col onial home with modern kitchen 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325,000

74 acres 67 I features 106 comfort stall barn 1000 gal tank, pipeline, 89 free stall heifer barn 30x70 concrete silo solid 2½ story 4 bedroom home w/bath Asking ~~$165,000~~; Reduced $125 000 Also renting additional acres

COLUMBIA COUNTY

180 acre dairy farm 118 tillable 36 stalls bulk tank several sheds & second small barn corn crib 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths remodeled Slightly rolling & level good ground ~~$225 000~~ make an offer reduced $175 000 #310

NEW JERSEY

80 acre dairy farm gently rolling to level streams & pond 2½ story home with 4 bedrooms & 2 baths large remodel ed kitchen dining rm & laundry 60 stall barn & 80 freestall milkhouse bulk tank large shop new large machinery shed & corn crib 14x40 concrete silo & 200x25 trench silo $250 000

BUCKS COUNTY

100 acres of level Tinicum Bucks County soil 95T features lovely 2 story double home w/11 rooms & 2 baths 2 story bank barn w/50 stalls 1 mi road frontage A good operating dairy farm $360 000
PAYS FOR ITSELF

145 Acre jug milk farm superb facilities lg store & sales area 3500 gal milk holding capacity modern processing facility including ice cream making 185 cow free stall 5 lg silos lg heifer facility 2 double houses & 1 single home shop storage sheds outbuildings 200 cows 250 heifers full line of machinery additional rental acreage available Call for details $1 5000 000

171 Acre jug milk farm w good sales store double 6 low line parlor 120 free stalls 3000 gallon milk holding capacity 20x80 & 30x60 silos 100 & 70 bunk feeders large 6 bedroom home completely modern lovely 2 bedroom ranch Also full line of cattle & machinery available Call for details $650 000 A 358

100 acre general farm w/large brick 5 bedroom home 1½ baths in good cond large 2 story bank barn 20x60 con crete silo w/unloader & lots of frontage (adjoins 171 acre farm) $348 000

LANCASTER COUNTY SUPER FARM

150 Acre Dairy Farm (2) 20x60 Harvestore (2) 24x65 con crete silos 203 cow super free stall double 6 parlor 2000 gal bulk 150 free stall heifer facility Lg shop tobacco sh ed 2½ story 3 family 3 section stone home pasture w/stream 200 acre additional for rent Financing available to qualified buyer $585 000 #349

JUNIATA COUNTY

4000 sq ft family Greenhouse operation retail sales business includes lovely 2 story brick home w/kitchen liv ing room dinning room 2 bedroom & bath & large 2nd floor Also 48x50 storage building all for $75 000 Financing available

SCHUYLKILL COUNTY

260 Acres woodland near state game land nice laying ask ing $175 000 Reduced to $145 000

MEET THE LEADERS FOR TYPE

from Sire Power INC

Exciting Additions To Your Herd With Pedigree Power

Member Cooperatives
Northeastern Breeders Assoc.
Md. Artifical Breeding Coop, Inc.
W.Va. Artifical Breeders Coop, Inc.

9H584 CHAIRMAN

9H584 Cal-Clark Board CHAIRMAN, VG (86)
USDA 1/82 RPTY 70% RIP 54%

54 dtrs	44 herds	18840m	3 6%	676f
Pred Diff ('74)	+$272	+2344m	13%	+63f

HFA Type Summary, 1/82
Pred Diff +1 09 Rpty 64%

9H557 WISEMAN

9H557 Killdee Astrochief WISEMAN, VG(85)
USDA 1/82 RPTY 81% RIP 18%

90 dtrs	70 herds	17133m	3 6%	621F
Pred Diff ('74)	+$184	+1474m	04%	+47f

HFA Type Summary, 1/82
Pred Diff. +1 12 Rpty 68%

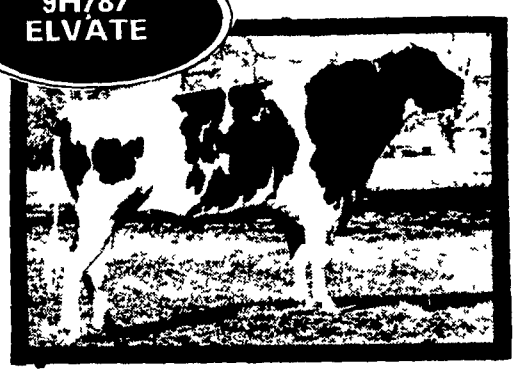
9H602 CREEK

9H602 CREEK-Bluff Elevation Lester, VG(88)
USDA 1/82 RPTY. 59% RIP 14%

31 dtrs	17 herds	19652m	3 7%	733f
Pred. Diff ('74)	+$175	+1156m	+.09%	+55f

HFA Type Summary, 1/82
Pred. Diff. +2 16 Rpty. 61%

9H787 ELVATE

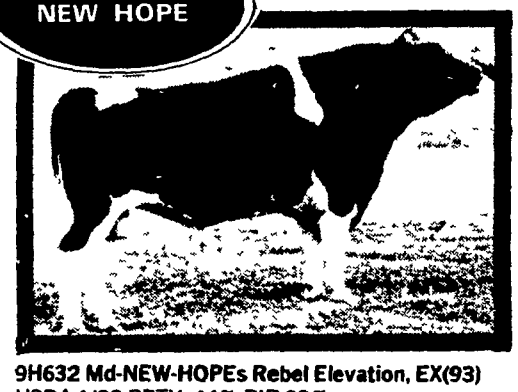


9H787 Vigo Starlite ELVATE, GP(83)
USDA 1/82 RPTY. 52% RIP 12%

27 dtrs.	17 herds	20076m	3.7%	750f
Pred. Diff. ('74)	+$171	+1274m	+.01%	+48f

HFA Type Summary, 1/82
Pred. Diff. +1.20 Rpty. 61%

9H632 NEW HOPE

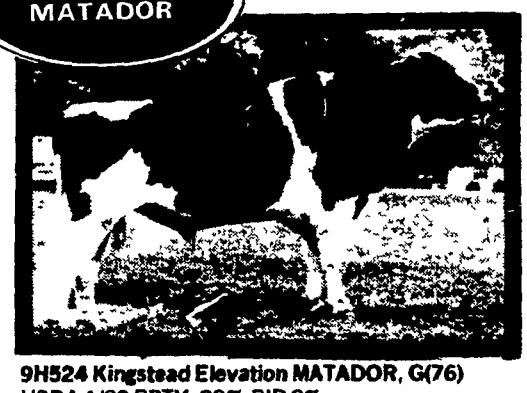


9H632 Md-NEW-HOPEs Rebel Elevation, EX(93)
USDA 1/82 RPTY 44% RIP 23%

35 dtrs	8 herds	19797m	3 5%	701f
Pred Diff ('74)	+$163	+1395m	- 08%	+38f

HFA Type Summary, 1/82
Pred. Diff. +1.70 Rpty. 39%

9H524 MATADOR

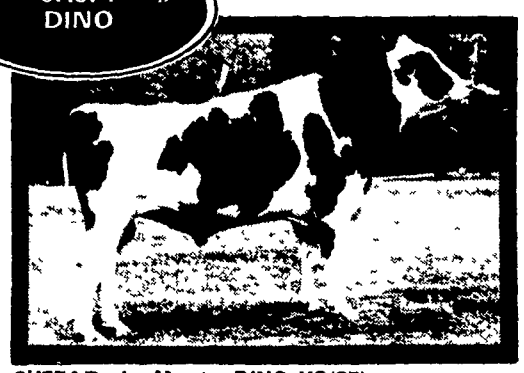


9H524 Kingstead Elevation MATADOR, G(76)
USDA 1/82 RPTY 83% RIP 3%

83 dtrs	64 herds	17346m	3 4%	595f
Pred Diff ('74)	+$146	+1469m	- 18%	+25f

HFA Type Summary, 1/82
Pred. Diff. +1.16 Rpty. 63%

9H574 DINO

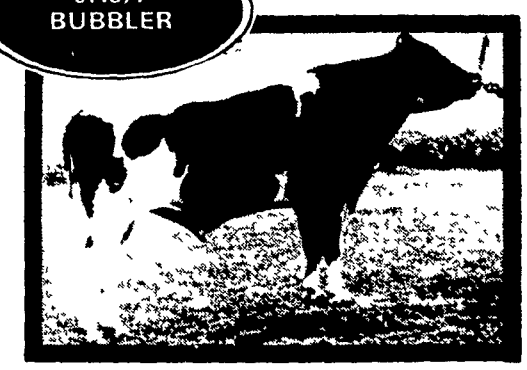


9H574 Dorloy Monitor DINO, VG(85)
USDA 1/82 RPTY 72% RIP 21%

54 dtrs	44 herds	18061m	3 6%	649f
Pred Diff ('74)	+$132	+1219m	- 11%	+27f

HFA Type Summary, 1/82
Pred Diff. +1 29 Rpty. 66%

9H577 BUBBLER

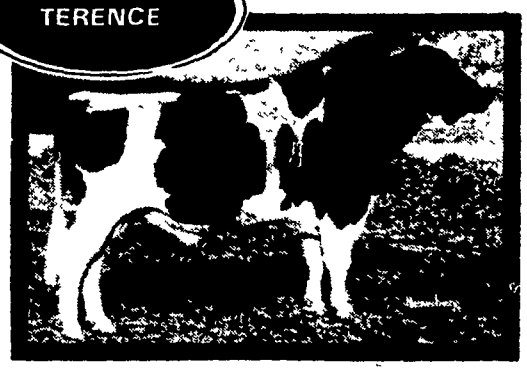


9H577 S-S-F Gay Ideal BUBBLER, G(79)
USDA 1/82 RPTY 73% RIP 43%

63 dtrs	47 herds	16836m	3 5%	586f
Pred Diff ('74)	+$132	+1298m	15%	+24f

HFA Type Summary, 1/82
Pred. Diff. +1.06 Rpty. 63%

9H561 TERENCE

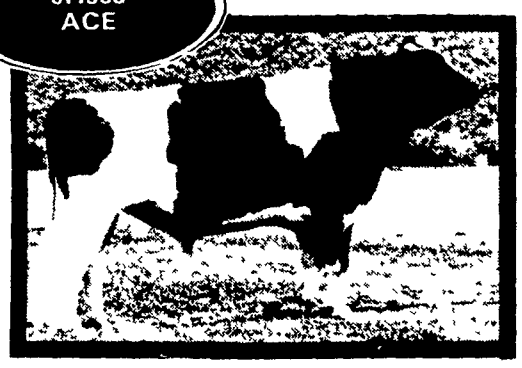


9H561 Pack-Herd Elevation TERENCE, EX(90)
USDA 1/82 RPTY 79% RIP 4%

75 dtrs	61 herds	17179m	3 7%	636f
Pred Diff ('74)	+$114	+1020m	08%	+25f

HFA Type Summary, 1/82
Pred. Diff. +1.06 Rpty. 67%

9H533 ACE



9H533 Yules-Pride Elevation ACE, VG(89)
USDA 1/82 RPTY 82% RIP 5%

81 dtrs	64 herds	16908m	3 8%	634f
Pred Diff ('74)	+$111	+851m	01%	+30f

HFA Type Summary, 1/82
Pred. Diff +1 93 Rpty 81%

The Sire Power Holstein line-up continues to strengthen which offers dairymen top production with an emphasis on high test and functional type.

Highlights of outstanding type improvers are indicated here with (10) bulls over +1.00 for PDT with 9H602 CREEK at +2.16 PDT.

The successful combination of an outstanding Young Sire Program and a progressive marketing department enable Sire Power to provide a wide selection of genetically superior sires at reasonable prices.

Semen is available from your Sire Power representative. Contact us today.

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NEBA
NORTHEASTERN BREEDERS ASSOCIATION

Sire Power, Inc.
R.D. #2, Tunkhannock, Pa. 18657
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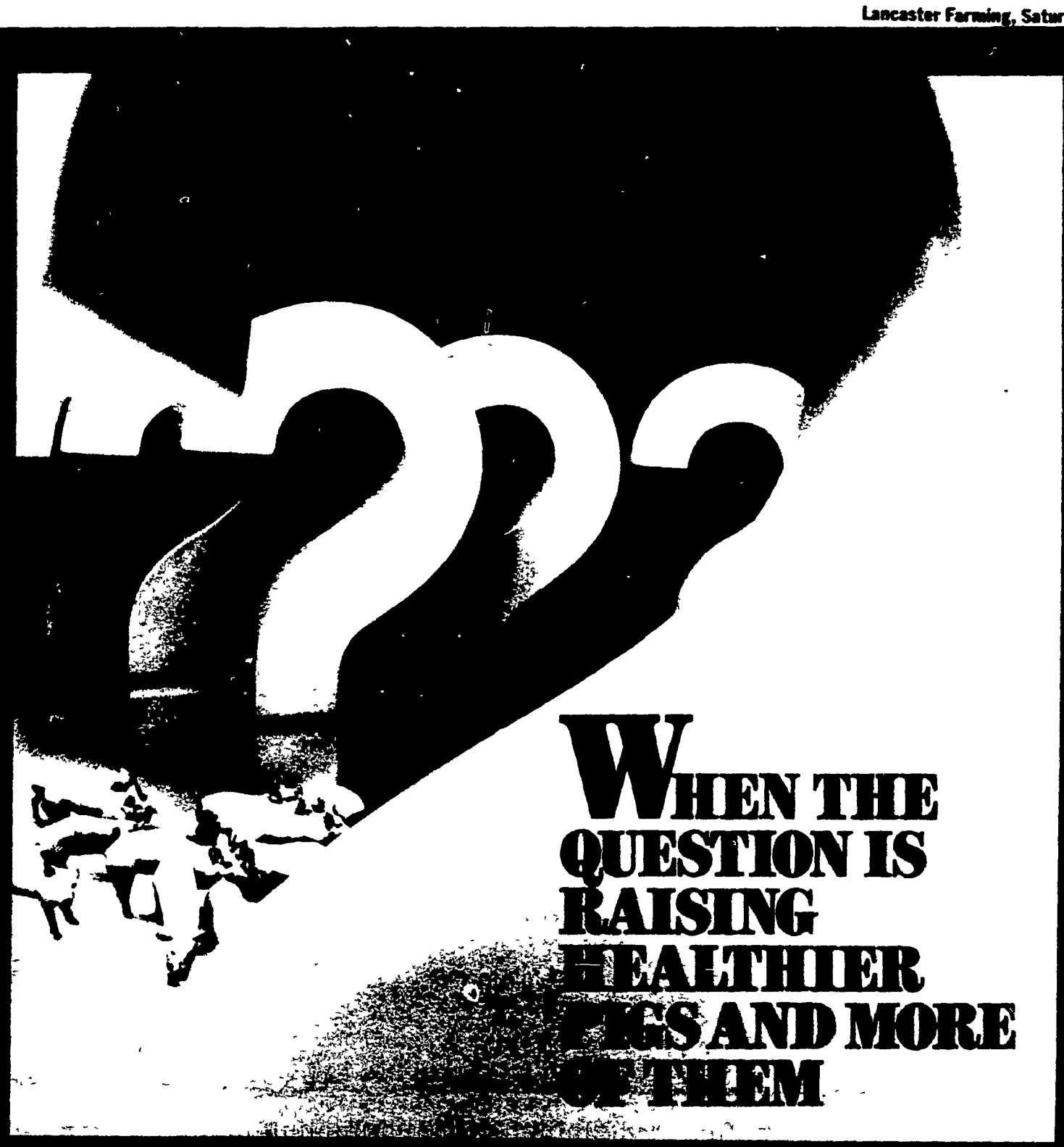
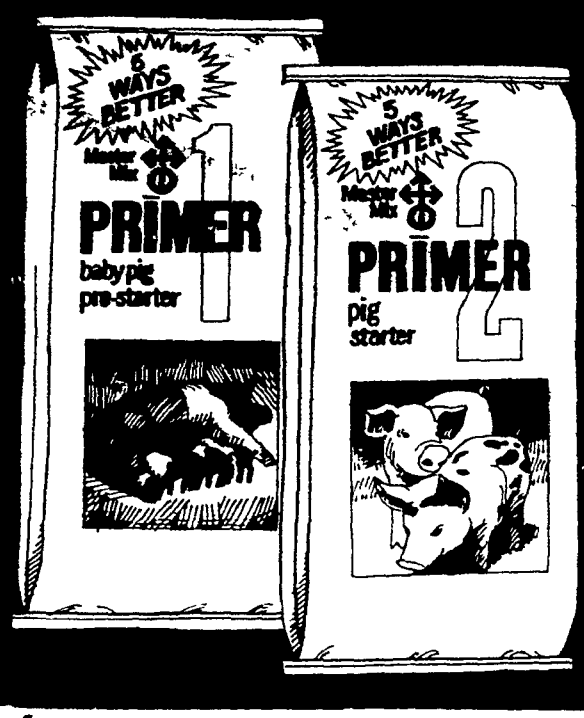


WHEN THE QUESTION IS RAISING HEALTHIER PIGS AND MORE OF THEM



THE ANSWER IS THE NEW PRIMERS FROM MASTER MIX.

NOW 5 WAYS BETTER

1. **INCREASED PALATABILITY** - preferred over all our competitors.
2. **FEWER SCOURS** - improved fiber source conditions the pigs intestinal tract.
3. **REDUCED FEED WASTE** - excellent quality.
4. **IMPROVED GROWTH RATE** - pigs weigh 5 pounds heavier on primer 1 versus no pre-starter.
5. **INCREASED SURVIVAL** - 13% improvement in survivability.

Master Mix

THE BREAKTHROUGH PEOPLE

IT'S PRIME TIME FOR YOUR PIGS — WHEN YOU FEED THEM MASTER MIX PRIMERS — SEE YOUR DEALER TODAY

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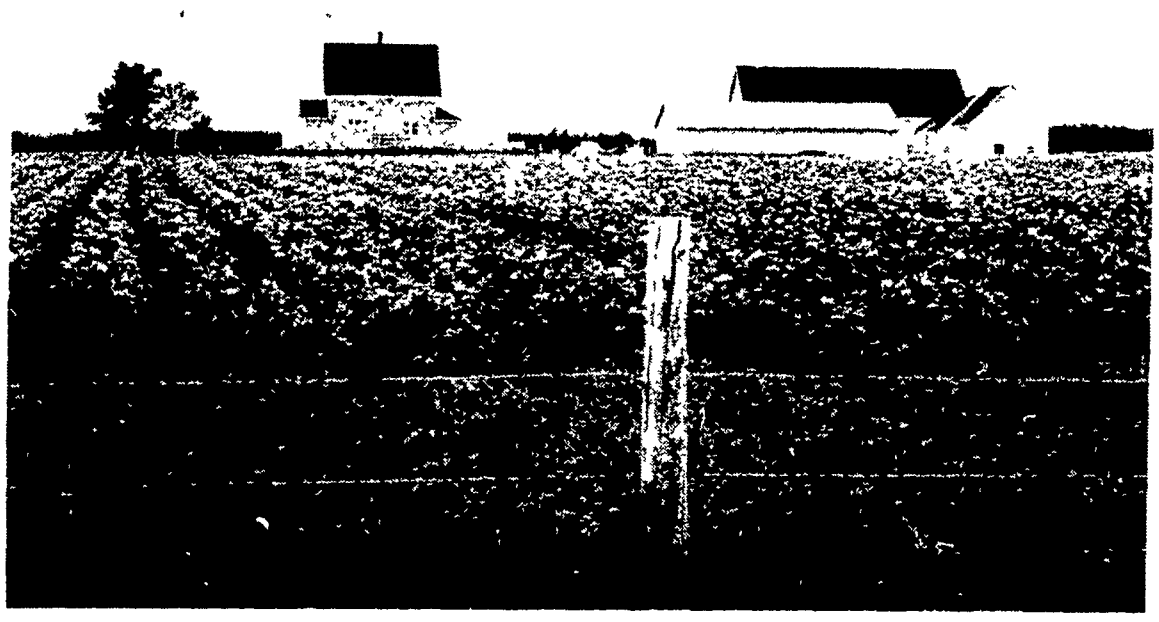
Agriculture celebrates Soil Stewardship Week, May 16-23



THE WHITE HOUSE
WASHINGTON

SOIL STEWARDSHIP WEEK, 1982

We face a new beginning in the decade of the 1980's. And we do so with a fresh commitment to *American principles.* These include the need to limit Federal taxes and spending, reduce government regulation, and encourage American citizens to solve more problems through individual initiative and action at home.

I know that voluntary soil and water conservation programs in nearly every county help us meet each of those commitments. In so doing, they unite environmental considerations with the future interests of the nation.

Soil Stewardship Week coalesces the concerns of our citizens with the needs of the land to bring deserved public attention to conservation issues. This program is a great aid to the continuing vitality and beauty of America's natural environment. It inspires us and reminds us that, working together, we can intelligently manage our nation's resources for today and tomorrow.

Ronald Reagan

LANCASTER — Beginning tomorrow, the nationwide observance of Soil Stewardship Week will once again salute those farmers and land owners who cherish their most precious natural resource — the soil.

The theme for this year's celebration is 'A Time for Tenacity.' This idea, points out the National Association of Conservation Districts in their stewardship brochure, applies to faith, cooperation, politics, experiments and research, leadership, and commitment.

Soil Stewardship Week has been observed since 1955. During those 27 years, NACD and the 3,000 soil and water conservation districts throughout the nation have served as dedicated sponsors, distributing stewardship information to local clergy, lay leaders, churches, civic and educational groups and to other individuals.

Here in Lancaster County, the local conservation district distributed 45 soil stewardship booklets and provided 1,700 church bulletins, 1,000 litanys, and 200 bulletin inserts to churches throughout the area.

"With the growth of population and the world demand for food and with the clearing and development of most land that is suitable for cultivation, we must turn our attention to the task of saving every acre," notes NACD, in their booklet "The dream of adequate supplies of food and shelter must cover a period that extends far into the future because this is the only world we have and the total heritage of our descendents.

"Now it must be understood that the obligation of stewardship, which once rested on the individual, has been broadened to include all of us. Erosion, once regarded as a private matter, has become a subject for national concern."

Consider tenacity

I walked across my fields of green
Through an orchard wide, scarcely seen
My meadow scarred only by my neglect,
Cool clear running water demanding respect

Recollections of my grandfather's quest
For land to till, to manage, to invest
Producing food and fiber for his nation
Committed to stewardship of God's creation

Green temples which rose out of dusty hills
Brought not wealth but burdensome bills
Erosion solved by technology in use,
Desire to produce, stilled by governmental abuse

Urbanization and its beckoning glitter of gold
Attracted my sisters and brothers, I am told.
Society's priorities of progress and welfare
So easy to follow--so easy to share

Is preserving land critical, I'm tempted to ask,
When storing our harvest has been such a task?
Who will care for our forefathers' soil
To feed future generations we cannot spoil?

The silence deafened me as I knelt there and cried
"I am losing the battle my spirit has died
I have fallen, Father--and have not others?"
Then the answer heard by my ancestors and brothers

"It's a time for tenacity, consider it well."

Photos and poem courtesy of NACD

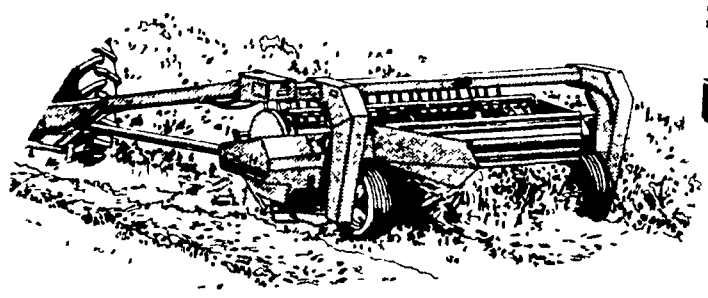
"To every thing there is a season, and a time to every purpose under heaven: A time to be born and a time to die; a time to plant and a time to pluck up that which is planted; a time to keep and a time to cast away."

Ecclesiastes 3:1,2,6

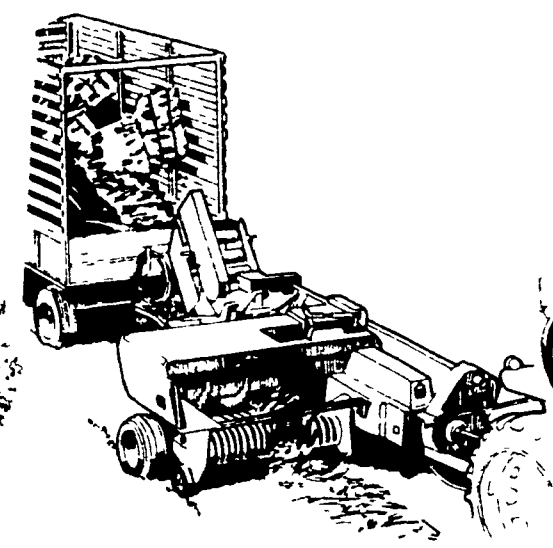
BUY NOW SAVE

Waiver of Finance!

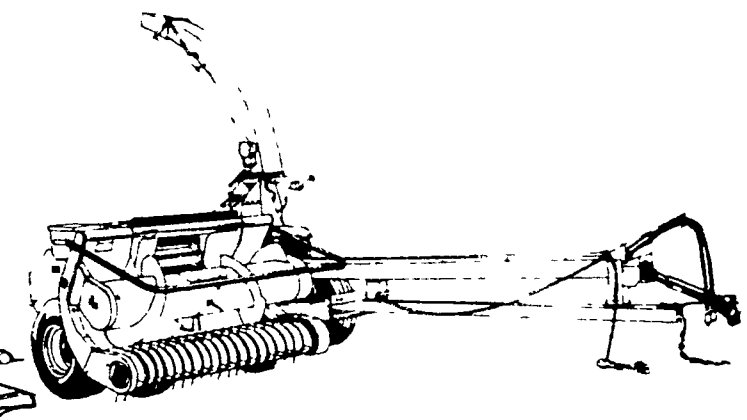
Cash Rebates!



1190 Mower Conditioner



435 Twine-Tie Baler



781/881 Forage Harvesters

HAY/FORAGE PRE-SEASON SALE GOOD TO MAY31

1 Waiver of Finance to October 1, 1982*

OR

2 Cash in Lieu of Retail Finance Waiver (new only)

Eligible Machines	Rebate to May 31
• Windrowers, Forage Harvesters	$800
• Balers, Mower Conditioners	$400
• Flail Choppers, Shredders, Forage Feeders	$275
• Mowers, Rakes, Blowers, Wagons, Bale Throwers	$125

★ See Dealers For Details - HURRY! SAVE TO MAY 31

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717-285-4538

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717-637-3808

MANOR EQUIPMENT, INC.
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Sinking Spring, PA 19608
215-678-0828

SWOPE & BASHORE, INC.
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MESSICK FARM EQUIP.
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Elizabethtown, PA
717-367-1319

LYNN EQUIPMENT CO., INC.
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Three Bridges, NJ 08887
201-782-5827

ERB & HENRY EQUIP., INC.
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WM. HOBENSACK'S SONS
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215-343-2101

C.B. HOOBER & SON
Intercourse, PA
717-768-8231

BIGGS INCORPORATED
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M & R EQUIPMENT, INC.
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Circle L Farms top buyer at Limousin sale

COLUMBUS, Oh. — The Eastern Limousin Breeders Association presented an outstanding set of cattle for their fourth annual spring show and sale held at the Ohio State Fairground recently. A large crowd was on hand to see the 58 lots sell for a total of $79,135 and average $1,364.

The champion purebred bull was INSF Famous Jr. This April 1980 Sooner Jr. son, consigned by Inter State Farms, Reedesville, WV, sold for $4,000 to Circle L Farms, New Matamorras, OH.

The reserve champion was FWLY Midnight Special consigned by Fawley Farms, Lynchburg, OH. This stylish black November 1980 son of Hanchon's Home Run also sold to Circle L Farms for $3,400.

Gary Perkins of Corinth, KY bought Nordic Major XIM for $2000. He was a May 1980 fullblood son of Cherokee and was entered by Lewis Limousin, Parkersburg, WV. Fourteen purebred bulls averaged $1,820.

Topping the purebred females was Worrell Land & Cattle Co.'s consignment WLCC Eleanor. She was a May 1980 daughter of Gibralter and was bred to '747' She sold for $3,900 to Circle L Farms. Earlier in the day she had been named Reserve Champion Purebred Female.

The champion was FWLY Patty, a polled June 1980 daughter of Visa. This heifer was entered by Kelly Ann Long, Lynchburg, OH and was purchased by Circle L Farms. She carried the service of Black Mercedes.

A Line Limousin, Carlisle, Pa. entry topped the open purebred females at $1,750. She was a February 1981 daughter of Four Square Herbie and sold to Indian Trail Farm, Dundee, OH. Ten bred purebred females averaged $1,807 and fifteen open purebred females averaged $1,008. Three 75 percent females averaged $767.

Inter State Farms consigned two bulls that topped the percentage bulls at $2,000 each. Pripi Farms, Dundee, OH selected the champion who was an April 1980 Sooner Jr. son. Archie Williams, Warsaw, OH selected the other, a November 1980 McCoy's Hillary Jr. son.

The reserve champion was a Gordon Briggs, Gambier, OH entry. David Evans, Utica, OH paid $1,600 for this June 1981 son of Hanchon's Home Run. Sixteen percentage bulls averaged $1,135.

Gordon Briggs was the show and sale chairman. Sarah Hull, Logan, OH, was the show judge. The auctioneer was Bruce Brooks and American Cattle Service managed the sale.

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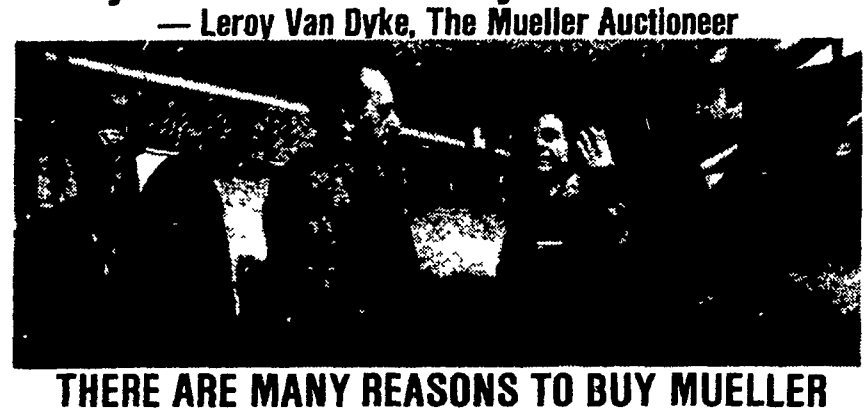

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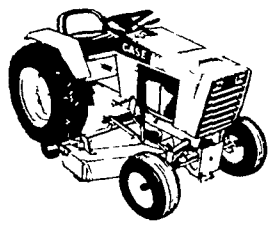

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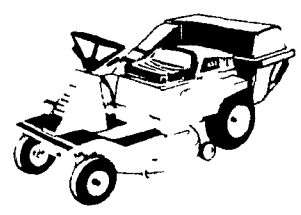

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Pasturing cattle at Christmas possible with hardy forages

UNIVERSITY PARK — Grazing cattle on pasture right up to Christmas is something new in Pennsylvania.

Farmers testing this new idea grow frost-resistant forage varieties of turnips, rape, kale, and swedes (rutabagas).

Such forage crops can push the grazing season right into winter, says Gerald Jung, U.S. Department of Agriculture scientist with the Pasture Research Laboratory at Penn State. Such forages, especially the turnips, were grown by farmers 50 or more years ago but were not used in pastures. They were hand-harvested and faded out of farming when mechanical harvesting came in.

So Jung is pioneering the use of these crops, known as the species brassica, for dairy cattle and livestock grazing.

These brassica crops are also highly digestible, another big advantage. Jung and associates found that leaves, stems, and roots are 85 to 95 percent digestible. The average from hundreds of samples was 90 percent digestible. Good alfalfa hay, in comparison, is only 70 percent digestible.

"Cattle feeding on brassicas are enjoying quality they normally get only from grain," Jung commented.

Forage turnips and the other brassicas can supplement grass pastures in fall or early winter when alfalfa and grasses are no longer nutritious. In southern Pennsylvania, and most of Maryland planting can be delayed until September. If the weather is typical for these areas, grazing can continue into December, he said.

Jung described rape as closely resembling broccoli without the flowers. A rape pasture in November can look like a giant garden overgrown with large, leafy broccoli plants. As with broccoli or the brussel sprout, another close relative, rape genrally maintains its nutrient quality into fall and early winter.

The Penn Stater and his associates have experimented with brassica crops for several years. They have identified varieties adapted to the region. A planting system has been developed and tested. No-till planters seed the turnips or other brassicas into grass sod suppressed or held back with an herbicide spray. Without the herbicide, brassicas will not get established, it was pointed out. Thick planting of brassicas forms a dense cover to control weeds.

No-tillage planting has several advantages, June finds. It helps to control erosion on hillsides where grass pastures are often located. No-tilling also seems to help control flea beetles and other insects.

Most important, he adds, is the ability of the sod to regrow again the following spring. One grass in the Penn State experiments grew back so abundantly that the stakes surrounding the brassica crop couldn't be found the next spring. Some studies were carried out at the Rock Springs Agricultural Research Center in Centre County, 10 miles from the campus.

At Rock Spring, turnip and rape varieties produced about 4 tons of dry matter per acre in 90 days. Swedes and kale produced over 6 tons of dry matter per acre in 180 days.

A lush crop of forage-type rape is examined by Wayne County Extension Agent Thomas A. Callahan. This 1981 crop was grown on the farm of Frank Marks of R1 Galilee. Penn State crop scientists report such forage can be 90 percent digestible, even in early winter.

Two planting times have been determined for brassica crops in central Pennsylvania. The first is late May, after typical planting dates for corn. In this way, the plants reach peak production in August when nutrients from orchardgrass and similar forages are at their lowest quality.

"Most farmers who've grown brassica crops prefer a later planting, early to mid August, for grazing in October and November. This takes advantage of the cold hardiness of the brassicas," Jung commented.

Fertilizer is vital in growing the brassicas, Jung and the innovative farmers have found. Without fertilizer, growth is poor and competition from weeds may "win out." Where there is no soil test, he suggests applying 750 pounds per acre of a 10-10-10 fertilizer. Once established, brassica crops are quite competitive, he added, and need no extra weed control.

To limit the threat of desease, brassicas should not be planted more than two years in the same spot.

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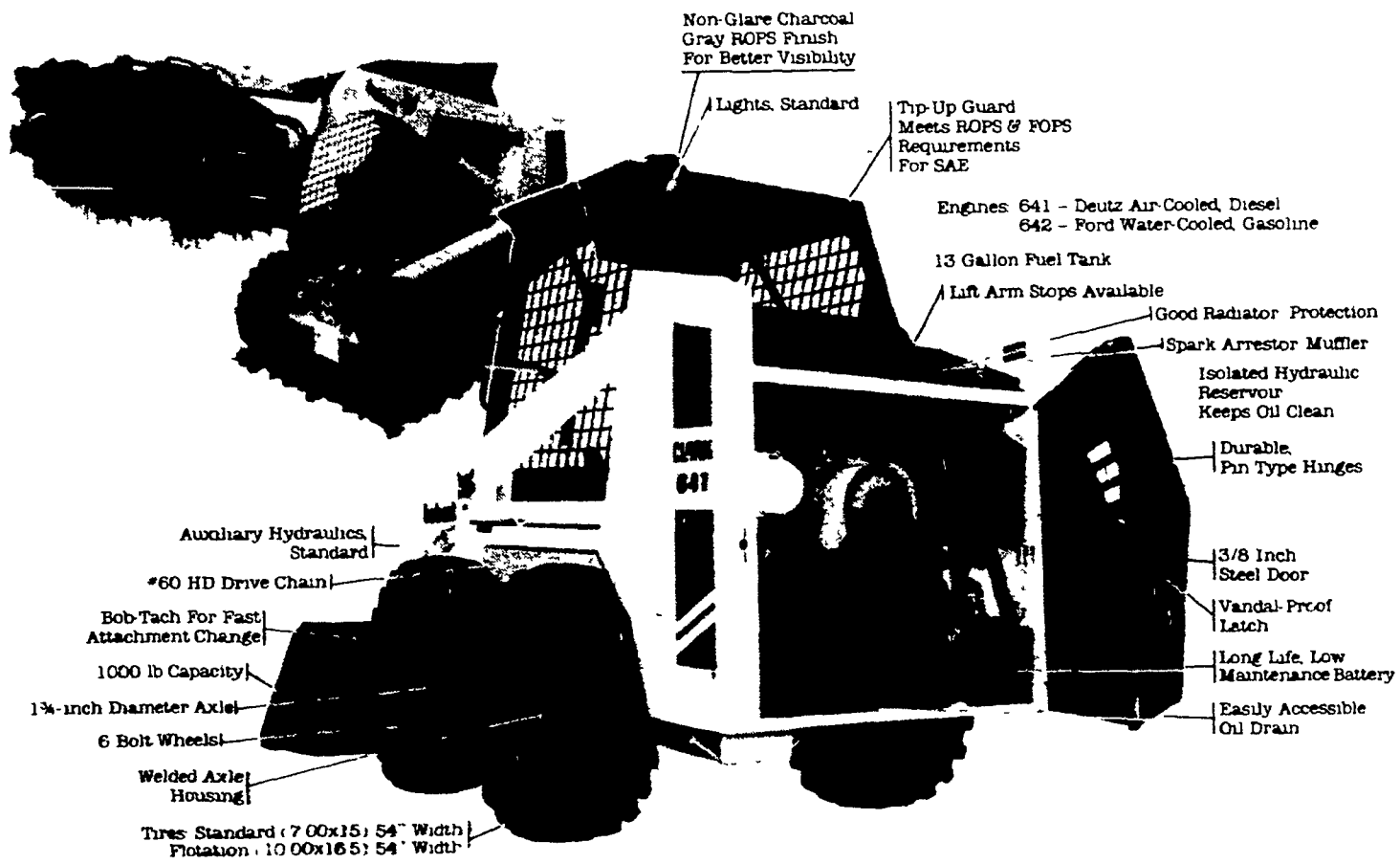
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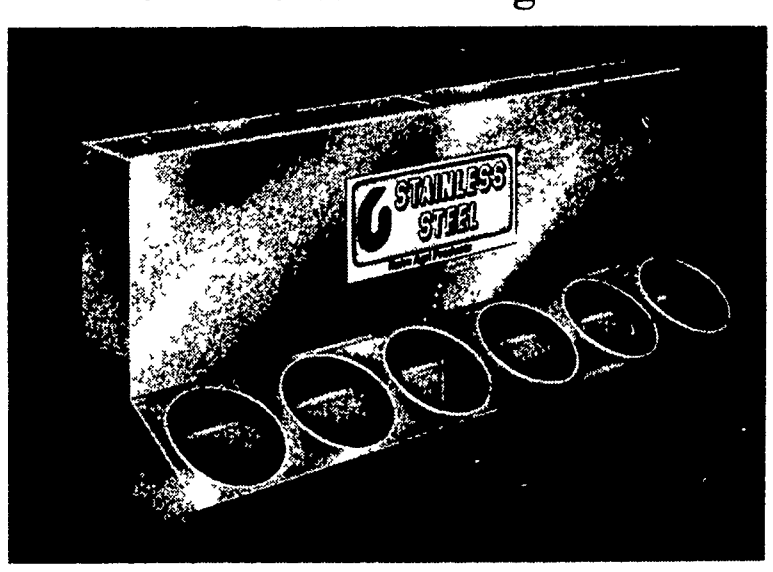
Farm Business News

Rohn introduces hog feeder



A new stainless steel hog confinement feeder, constructed of 304 grade stainless steel, has been introduced by UNR-Rohn, of Peoria, Il. Of two-piece, totally welded construction for easy assembly, the feeder has dual-top adjustments and a built-in agitator for efficient feed flow. Both the single and double-sided units have round feeding holes to reduce feed waste.

White announces 2 utility tractors

OAKBROOK, IL — White Farm Equipment Company has introduced two new utility tractors, the Model 2-55 and 2-65 Field Boss tractors, which offer increased features as standard equipment.

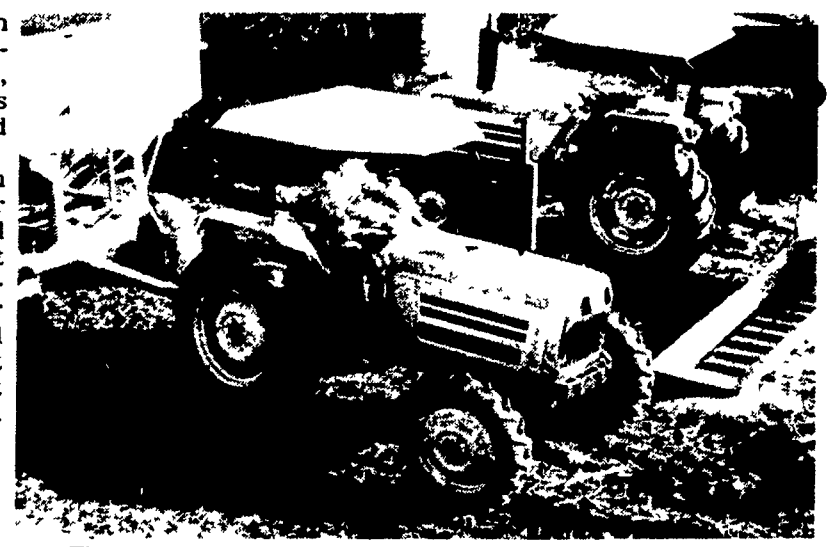
Both utility tractors, available in two- and four-wheel drive, offer many features as standard equipment including: independent 540 rpm PTO, category I/II three-point hitch with adjustable lower links, foot throttle, differential lock, two maintenance-free 12-volt batteries, power steering with tilt wheel, adjustable armrest seat and tool box with service tools.

The 2-55 (52.0 hp) and the 2-65 (62.0 hp) tractors also feature a synchromesh transmission with 16 forward speeds as standard equipment.

Both tractors are powered by 4-cylinder diesel engines with dual fuel filters, an in-block oil cooler, cross-flow head design, Bosch-type multi-plunger injection pump and 13-inch single dry-type clutch.

Open-system hydraulics give the new tractors the ability to handle big jobs, too. The three-point hitch on the 2-65 has a 3762-lb lift capacity while the 2-55 has a 3641-lb. lift capacity.

Options for the 2-55 and 2-65 tractors include: front end loader, 2-post ROPS with seat belt, canopy, power front axle, power adjust rear wheels, eight front satchel weights (57 lb each), rear wheel weights (88 lb. each), coolant heater, and additional detent or float remote valves.



The two new utility tractors from White Farm Equipment Company offer many features as standard equipment.

Coale closing store; farm supply continues

CHURCHVILLE, MD. — While Coale's General Store at the intersection of Rts. 22 and 136 in Churchville, Md. will be closing within the next few months, the adjacent Farm, Industrial, Lawn and Garden Equipment dealership will continue in operation under new management.

The equipment dealership portion of the business has been purchased by Raymond Bent, a Coale employee for more than 20 years, and Edward Garono, of Darlington. It will continue to operate under the name of Walter G. Coale, Inc.

Walter G. Coale, born at Cedarville Farm just south of Churchville in 1878, was a partner in the store durng the early 1900's. He purchased the business in 1926. At that time the country store handled a line of dry goods, notions, groceries, meats, clothing, hardware, feed and farm implements. Stocks of drugs were available to local doctors who came to the store to make up their own prescriptions.

With the retirement of Walter Coale in 1944, management of the country store and the farm machinery business he had established next to the store was turned over to his children, P. Mitchell Coale, Frances Coale Trago and Margaret A. Coale.

The farm, industrial, lawn and garden equipment portion of this Churchville enterprise was also established by Walter Coale around the turn of the century and has grown from the horse and buggy era to an organization employing 20 people. It includes franchises for Ford, New Holland, New Idea, Brillion, Bolens, Woods, Agrotec and others

EPA approves Pydrin in corn

HOUSTON, TX. - Pydrin insecticide has received the approval of the Environmental Protection Agency to control insects in field corn, according to Shelly Chemical Company.

Pydrin is labeled presently for the control of cutworms. The label calls for the use of one-tenth to two-tenths of a pound of active ingredient per acre. Pydrin, which may be applied by aerial or ground spraying, should be mixed in sufficient water to provide uniform coverage.

The material may be applied up to 60 days prior to harvest, according to Shell. Treatment of Pydrin, the company said, is ususally recommended when two to five percent of the crop has been damaged.

Shells recommends early detection and treatment since control is more effective on small cutworms.

Hancor adds drainage product

FINDLAY, OH. — Hancor, Inc. announces the addition of Agri-flow Plus tubing to its existing line of farm drainage products.

Agri-flow Plus tubing has a white outer layer and black inner layer which provides the following advantages: 50% more strength than existing Soil Conservation Service standards call for; white outer layer prevents stretching caused by high temperatures; unmatched crush resistance in extreme burial conditions; and superior flexibility during installation.

The addition of Agri-flow Plus provides Hancor with the final link in a three-tier product line offering. The farmer or ditching contractor can ask for Agri-flow Plus, the top-quality tubing in existance, regular Agri-flow — which exceeds heavy-duty SCS standards by 30%, or Econo-flow, which also exceeds the SCS minimum standards for heavy-duty tubing.

For more information on Agri-flow Plus, as well as other available drainage and on-site waste management products, please contact the Marketing Services Department, Hancor, Inc., 401 Olive Street, Findlay, Ohio 45840, or call collect at (419) 422-6521.

Hesston honors Stoltzfus

COCHRANVILLE — Stoltzfus Farm Service, of Cochranville, is the top volume Hesston dealer in the Northeastern United States for 1981.

Sales representatives of the Hesston Corporation this week presented a framed plaque as a Top Ten Volume Dealer to John Stoltzfus at the dealership located at the intersection of Rts. 41 and 10 in Chester County.

"Stoltzfus Farm Service was the top volume dealer throughout Hesston's Indianapolis Branch, which includes about 300 dealers," according to Kurt Schindler, territory sales manager.

Also taking part in the presentation was Larry Hendricks, Northeast Regional Sales Manager.

Stoltzfus Farm Service, which John Stoltzfus founded 15 years ago with just one other employee, has grown to a large farm equipment and supplies sales and service center with 13 employes.

It has been a Hesston dealership for the past nine years.

Stoltzfus, which covers a large area in Pennsylvania and reaches into Delaware, Maryland and New Jersey, carries a full line of Hesston equipment, including the Fiat tractor. Hay and forage equipment, such as Field Queen, is the backbone of the line. The firm is the top dealership in the sales of Hesston's large square baler east of the Mississippi.

Stoltzfus Farm Service is a family-owned and operated business. Family members involved in the business include John and his wife, Suzie, and their four sons, Marvin, sales; Jim, shop foreman; Wayne, mechanic; and Erwin, parts.

This marks the third year that Stoltzfus Farm Service has received a Hesston award for being among the Top Ten Volume Dealers. It also received the award in 1978 and 1980.

John Stoltzfus, center, receives plaque honoring Stoltzfus Farm Service, Cochranville as Top Ten Volume Dealer from Hesston representatives, Larry Hendricks, left, Northeast regional sales manager; and Kurt Schindler, territory sales manager.

Hard seed germinates slower

LANCASTER — Most legumes produce "hard seed" in varying percentages. The amount of hard seed in a lot depends on environmental conditions during the time seed is maturing.

In alfalfa, it has been noted that cool conditions favor hard seed development. Hard seeds generally have a longer Life span than more permeable ones, an obvious advantage for survival of a species in the wild.

Hard seeds are usually viable but they have impermeable seed coats that prevent water uptake Since water is essential to the germination process, hard seeds will not germinate in the time considered normal for seed with a permeable seedcoat. Hard seeds of alfalfa may lie dormant in the soil for awhile but most will absorb water and germinate some time during the seeding year.

When seed is analyzed for tagging purposes, the analyst recognizes three categories of germination. normal sprouting, dead and hard. State and federal laws require that the seed tag show hard seed and ready germination; the two are added to give total live seed Since the percentage of hard seed generally declines with seed handling and storage, the actual amount of hard seed is usually less than shown on the tag and the percentage of ready germination is usually greater by a similar amount.

Under field conditions, two pounds of alfalfa seed per acre would be sufficent to provide a full stand if every seed germinate and produced a successful seedling. Field loss from natural hazards, however, may be as much as 50 to 80 percent. Therefore, standard seeding rate recommendations range from 10 to 15 or more pounds per acre and the percentage of hard seed can be ignored.

A University of Wisconsin publication discusses hard seed and, for alfalfa, draws the following conclusion "In many alfalfa stands sown at practical rates, hard seed may have an insurance value Because of moderate delays in germination of two to six or more weeks, hard seeds help thicken stands previously thinned by hazards such as insects, seedling diseases, frost, drought, excessive rain, soil crusting or competition of the companion crop and weeds. Usually, all will germinate before the growing season ends."

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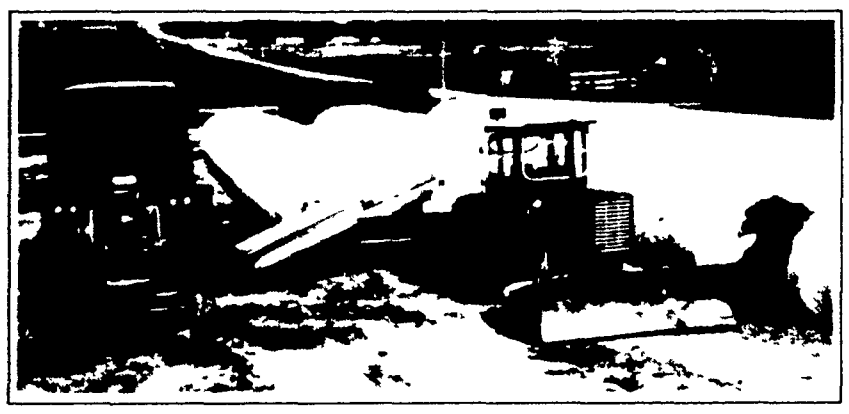

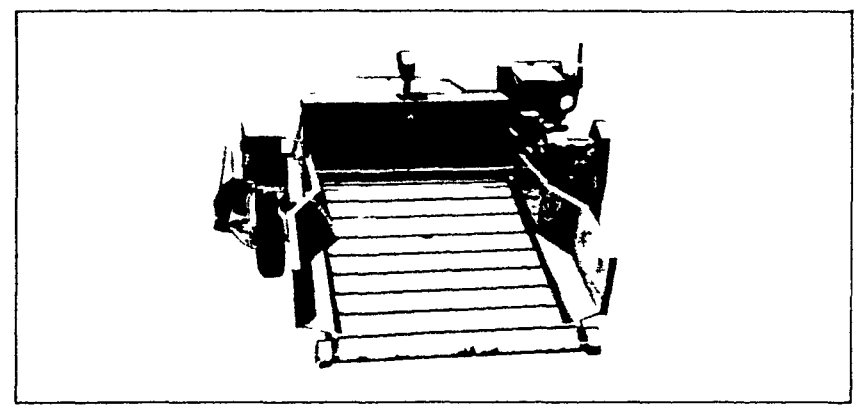

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Kenneth runs a 465 cow Dairy and said this about AG-BAG "At today's interest rates you can't afford any other type of storage Even with the yearly cost of bags it's still inexpensive storage a whole lot cheaper than building barns and hiring help I put up 13 bags last year and after seeing the results, I'll put up 25 bags this year The bags are a good thing"

Don Carter of Parkdale, Oregon

"The best move I ever made" says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon

"I get 18% more feed from the same acreage and the feed lasts three times as long I used to clean my bunks after three days, now I only need to clean them after 10 days"

Roland Rasmussen of Blair, Nebraska

"In addition to everything else it's a management tool says rancher Roland Rasmussen of Blair Nebraska

Roland farms 350 acres west of Blair Nebraska, and fattens about 650 cattle from 600 lbs to finish

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Bert Anderson of Sceptre, Saskatchewan

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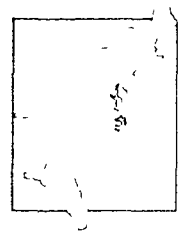

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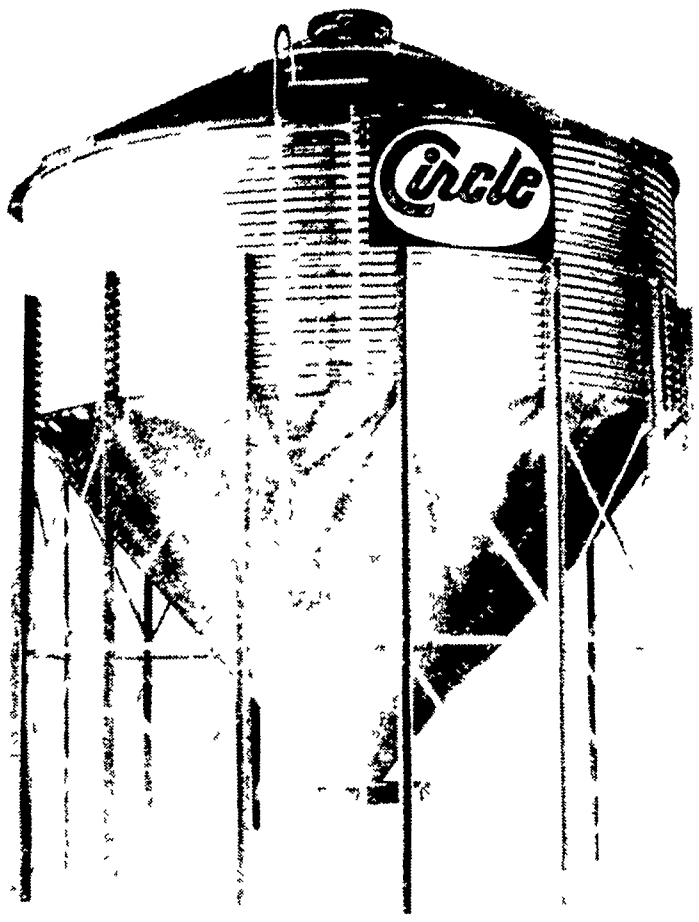

On-farm hopper bins with 15-foot diameter from Circle Steel Corp. come with capacities from 1,032 to 3,417 bushels.

Circle expands bin line

TAYLORVILLE, IL. — New 15-foot (4.6m) diameter hopper bins expand Circle Steel Corp.'s line of bins for on-farm use. One-through-seven-ring heights are available with capacities from 1,032 to 3,417 bushels (28.1 to 93 0 M.T.).

Circle hopper bins are specifically designed for large capacity wet grain holding and bulk feed storage. Sturdy construction includes structural steel sheeting and double bolting in the "valleys". A steep 50-degree hopper angle provides quick, convenient unloading. Standard equipment includes roof ladder and extra-large fillhole with cover.

Information about the new 15-foot dia. hopper bin or any Circle farm storage product is available from your Circle Steel dealer or from. Circle Steel Corp., Circle Park, Taylorville, Ill. 62568.

Computer system offers commodity marketing data

PROVO, Ut. — Commodity Computer Service, Inc, (CCS), a Utah corporation, announces the public release of the Ag-Trend System on June 1. The Ag-Trend System has been six years in research and development and CCS is unveiling the most diversified "on farm" computer system available on the market today.

Ag-Trend is the only system to offer a host of services from a single vendor, including equipment, programs and commodity market service. The Ag-Trend computer programs have been especially designed for the ag-producer for the three areas of marketing, accounting and production management. The computer equipment is a high quality machine with special features which allows easy, convenient operation without any prior computer experience.

CCS is also in the final phase of developing a unique commodity market information service, which is availble through the Ag-Trend computer, and projected for public release on Sept. 1. This service provides commodity prices (futures & cash), USDA reports, and a market analysis service (Comanco's Comm. data Service) — all in the form of color charts and graphs

CCS is establishing a national dealership network for the Ag-Trend System and dealer inquiries are invited.

For further information call Mark Burgess, Marketing Director (801) 374-0292

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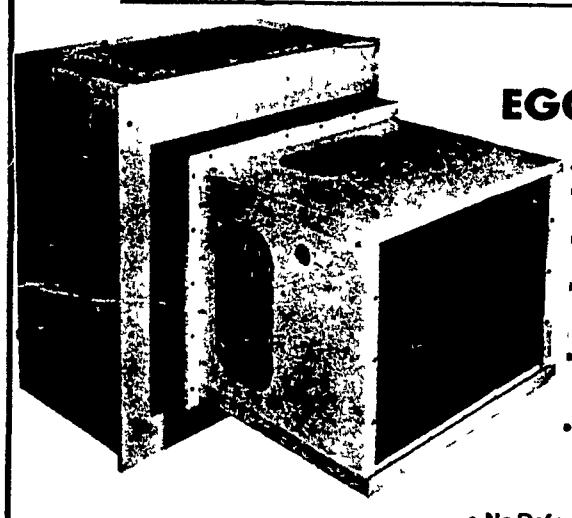

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Lab announces ALV detection kit

HIGHLAND PARK, N.J. — University Laboratories, Inc , 810 N Second Ave., Highland Park, N J., announced that its avian leukosis ELISA diagnostic kit was licensed for sale by the United States Department of Agriculture on Dec. 30, 1981. Dr. E. H. Bernstein, director, reported that the ALEK kit was the first diagnostic kit to be licensed for the detection of the avian leukosis viruses by the USDA.

Avian Leukosis Virus (ALV) infection has been shown to occur in all but a few selected and isolated flocks of chickens Infection by ALV may result in a variety of malignant and benign neoplasms characterized by leukemia-like disease and/or solid tumors. The most common of these, under natural conditions, is *lymphoid leukosis However*, erythroblastosis, myeloblastosis, myelocytomatosis, endothelioma, hepatocarcinoma, fibrosarcoma, nephroblastoma and osteopetrosis also occur.

The infections are spread both horizontally, by contact with other chickens, and vertically, by congential transmission from hen to egg Although mortality from neoplastic disease is generally low, high mortality may be encountered in some flocks There are other negative ALV-related factors, however, that may have economic consequences for breeders and chicken farmers

Recent evidence indicates that ALV infection produces adverse effects unrelated to neoplasia, including increased mortality from all causes, reduced body weight, delayed sexual maturity, reduced egg production, small egg size and thinner-shelled eggs Elimination of ALV-infected chickens, especially virus shedders (which have been reported as high as 70% in certan flocks), may therefore be expected to produce significant positive effects.

The ALEK kit is an important step forward in the early detection of ALV-infected chickens. Until now, detection of ALV infections has been both difficult and expensive. Radiommunoassays, for example, are highly reliable and sensitive, but are very expensive and require special equipment and a licensed laboratory. Infectivity tests are also sensitive and specific but require sophisticated and expensive cell culture procedures

Complement fixation tests, which are widely used, are insensitive, subject to inhibition by substances in serum, eggs and and feces, and require large amounts of expensive antiserum The ALEK kit provides a rapid, simple and inexpensive diagnostic tool, which is highly specific, equivalent in sensitivity to radioimmune assays, unaffected by extraneous substances in secretions, and requires only the simplest equipment

The diagnostic kit is designed to as say secretions–serum, egg albumin or cloacal swabs It provides a solid-phase immunoassay based on the "double antibody sandwich" procedure Each kit will provide 160 tests, plus suitable controls, performed in the wells of microtiter plates, and requiring smal quantities of test material

In principle, a purified antibody against ALV group-specific antigen (the internal core proteins of all avian leukosis viruses comprise the gs antigen) is bound to polystyrene surface of each test well If the virus antigen is present in the test material it will react with the bound antibody An antibody, which is labelled with an enzyme (conjugate), is than added, and it reacts with the captured" antigen

Finally, a suitable substrate is added and the bound enzyme catalyzes a measurable color change, which reflects quantitatively the amount of antigen in the test material Breeders and vaccine manufacturers who submit test data on their flocks and eggs to the USDA, may be premitted to substitute this procedure for the cell culture and complement fixation tests now required, if they apply for and are granted exemptions

University Laboratories, Inc , was, for a period of 20 years, a prime contractor for the National Cancer Institute, investigating and producing a number of avian leukosis, murine leukemia and sarcoma viruses, feline leukema viruses and a human virus which induced tumors in hamsters In addition, antisera to these and other viruses have been produced and provided for investigators throughout the world The research in the Highland Park laboratories on avian disease diagnostic kits began in 1979 an has progressed steadily It is anticipated that the ALEK kit will become commercially available shortly

Spectra offers new assembly

NORWALK, CT. — Spectra International, Inc., 61 Smith St., Norwalk, Ct. has introduced an all stainless steel Clean in Place Assembly for use in automated milking parlors. The Stainless Steel Assembly sells for the same price as Plastic Assemblies sold by the major dairy equipment companies.

The Jetter Distributor and Tee is designed as a single piece of type 304 stainless steel to provide reduced breakage, improved sanitation and prevent assembly from coming apart during wash up. The stainless steel shutoff valve has a double O-ring design, which allows it to be disassembled by hand, and FDA requirement.

The CIP Cups and Duckbill Drain (Check valve) are molded from high grade rubber and fit most brand name shells and inflations The Cup Rack/Cover is made from reinforced 16 gauge stainless steel sheet and ¼-inch rod.

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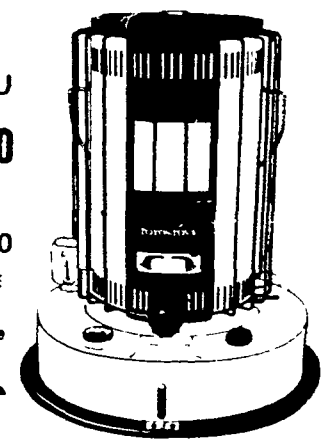

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Crop Economics

One of the most difficult topics to discuss in a news column is crop economics.

Should you grow high cost high return corn or low cost low return oats or so so cost who knows return soybeans? Should you plow down an alfalfa-grass stand or rennovate it for one more year?

The answer to these questions depend on so many factors. Yield (actual usuable yield not eye ball yield), your use (feed or sale), your economic position (dollars available for start up costs), available equipment and storage, and your location are some of those factors.

As Feed

Remember that 60 bushels of oats (an average yield) per acre really only gives you 1,920 pounds of feed or 1,346 pounds of nutrients capable of producing a little over 4,000 pounds of milk. 60 bushels of ear corn (a low yield) per acre gives you 4,200 pounds of feed or 3,074 pounds of nutrients capable of producing over 9,300 pounds of milk. Machine costs will be somewhat less for oats.

The big savings will be in lime, fertilizer and chemical costs. At the yields listed, that difference would be about 35 to 40 dollars per acre. What is an extra 5,300 pounds of milk per acre worth?

Soybeans make a pretty good substitute for soybean meal. They are high in energy because of the oil and high in protein. As a dairy cow feed, they are good if fed in moderation (3 to 5 lb. per cow per day).

They also may cause problems if ground to far in advance in warm weather. That high oil content can result in spoiled feed.

They are relatively inexpensive to grow, if you have the weather and soil to produce at least 35 bushels per acre Those 35 bushels will produce 2,100 pounds of feed or 1,840 pounds of digestible nutrients (672 of this is protein).

That amount of nutrients is capable of producing 5,500 pound of milk. The available protein is sufficient for 13,700 pounds of milk per acre. Cost of lime, fertilizer, feed, and spray is about 10 dollars less for a 35 bushel (good) yield of soybeans than a 60 bushel (poor) yield of corn.

Alfalfa hay or haylage is a relatively economical crop after it has been established. Machine costs are about 10 to 20 percent higher than for corn but lime, fertilizer, spray, seed, and twine costs for a 3.5 ton net hay yield (good) are about 5 dollars less than the 60 bushel corn yield (poor). A 3.5 ton net hay equivalent yield would contain 4,000 pounds of nutrients capable of producing 12,000 pounds of milk. The protein in that hay would produce about 18,000 pounds of milk.

Mixed alfalfa-grass hay with more than 50 percent grass would have a lower machiner cost than alfalfa if it was kept longer (6 years or 4 years). Lime, fertilizer, spray, seed and twine costs for a 3.5 ton net hay yield (good) would be about the same to 5 dollars less than the same yield for straight alfalfa (possibly a lower seed, potash and nitrogen cost). Feed nutrients would be about the same but protein would be 10 to 15 percent less.

The annual fertilizer and spray costs in the 5th and 6th year is a lot less than the establishment cost of a new alfalfa stand. Example: Lime, fertilizer and spray costs for a well maintained alfalfa-grass stand are about 60 to 65 dollars per acre during the maintenance years. In the year of establishment, those costs are about 120 to 125 dollars per acre.

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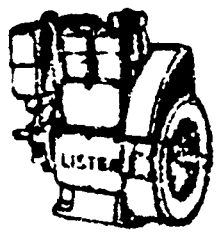

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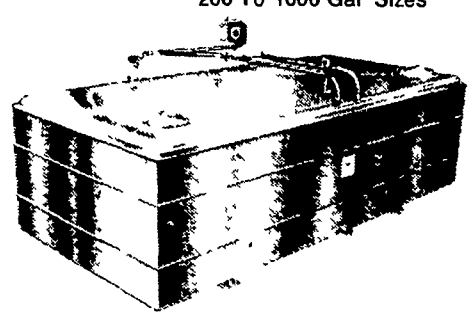

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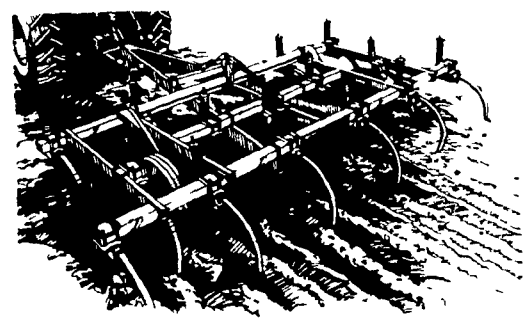

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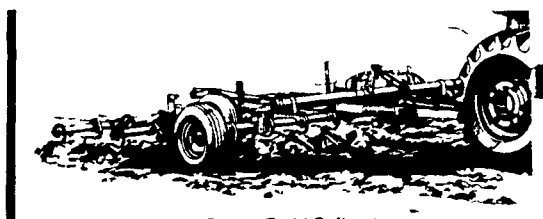

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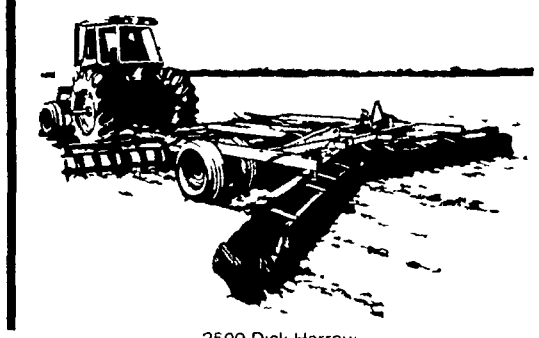

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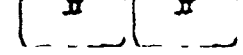

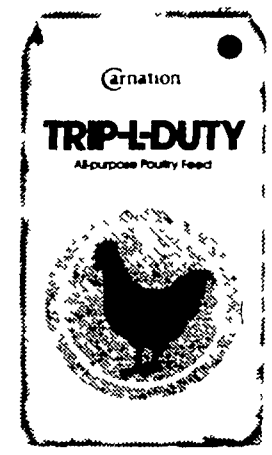

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Farm Talk

Jerry Webb

Why do farmers do it?

America's farmers are starting another cropping year and the prospects are dim. There is little encouragement anywhere in the agricultural sector Last year's record and near record harvests are still bulging in the bins and the economic indicators point to another bumper crop and prices potentially below the cost of production.

That's not very encouraging for our food producers who must pay continually rising prices for the inputs they need to produce crops and then must anticipate actual losses from their season's work.

What keeps them producing? Is it the devotion to the challenge of growing enough food for hungry people, or is it the hope of profits that lie somewhere ahead? It could be that many of them just don't know their costs of production and therefore aren't intimidated by the prospects of $2 50 a bushel corn. And maybe some of them are so much more efficient than others that they can in fact produce for that kind of market

Whatever their reasoning, America's farmers are charging into the battle at full speed, scattering seeds, pesticides and fertilizer over the landscape at a record pace, spending more borrowed money than ever to produce a crop that is destined to be a loser. It takes a lot of hope to face those kinds of marketing situations and still keep your chin up, but that's what farmers do for whatever reason that keeps them farming.

A business friend of mine asked a very pointed question the other day—"Why do they do it?" In any other business in the world the prospects of mounting losses per unit of production would force cutbacks. In almost any other industry the prospect of loss triggers a decision-making process that usually results in reduced production. But not in agriculture Reduced profits simply make farmers try harder. They push for bigger yields so their cost per bushel will be lower They try to cover more ground so the ownership costs, and thus their cost per bushel, will be lower. And in effect they produce more and get even less because the very nature of agricultural demand suggests that when farmers produce a little too much of a commodity, they receive a lot less for it. On the other hand, when they produce a little less than consumers want, prices go up tremendously

So why can't farmers see that and adjust accordingly? Business certainly does. When the steel industry is plagued by overproduction, it simply cuts back. Managers close a plant or they lay everyone off for a while. Or they shut down a process. They do something to make sure that less of their product goes to market. When a number of independent steel companies make these kinds of adjustments, it takes care of excess inventory and strengthens demand. Steel companies don't produce at a loss if there's any way to avoid it.

The same is true for almost any other industry. But not for agriculture. Those few million independent agricultural producers will plant every possible acre this spring knowing that their prospects for profits are slim. Unless the government provides some incentive (which it is doing this year), there won't be an idle acre.

Here's a typical situation. A farmer goes broke because of low farm prices and has to quit farming. He tells his landlord that he will no longer be renting the land because he hasn't been able to make any money, and therefore he can't pay his bills and must sell out. Do you think that land will stand idle? No way. There will be a line of farmers waiting at the landlord's door to pay even more for those acres than were paid by the guy who just went broke. Does that make any sense?

And when enough of those struggling farmers go broke and the maneuvering is all over, all of the land goes right back into crop production and another record crop is produced.

Farmers have proven time and time again that they have the ability to produce more food than American consumers can possibly use. They're built and rebuilt mountains of surpluses over the years. They've been bailed out by exports, but even with almost one-fourth of our agricultural capacity going into overseas' markets, agricultural surpluses are developing again. Markets are depressed, farm prices are low, and prospects are dim.

So what should be done about all of that? There's a lot of talk in Washington about what the government should do. About changes in the farm bill, about increased exports, about a record farm debt and more farm foreclosures than at any time since the Depression. And while all this rhetoric is going on, farmers are going right ahead with their plans to plant every possible acre and they'll do it despite the fact that they're probably going to lose money.

A serious economic question must be raised at this point. Will a farmer lose less money by farming as hard as he can, or would he lose less—perhaps even show a profit—by deciding on his own to cut back on production to take advantage of the elasticity of demand for agricultural products that might cause tremendously high prices if there were just a small shortage

I don't think they ever will, but if a few million farmers could on their own decide to cut back a little bit, the effects on their incomes would be phenomenal. In the meantime, there isn't much anyone can do to help the "plight" of American farmers. As long as they produce at full capacity without regard for the market signals, there isn't much anybody can do to help them.

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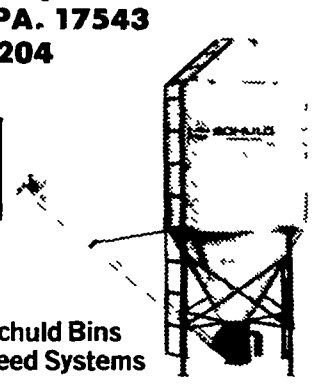

Schuld Bins & Feed Systems

Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

March 1982

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
C & T Kissling	3	66 2	84 3	59 0	4 2	2 45
Heindel Farms Inc	3	28 2	85 8	58 8	4 1	2 42
Stephen J Janos	3	33 8	91 1	57 7	3 9	2 23
Charles Plushanski	3	105 7	89 7	57 2	3 9	2 21
C & F Stricker	B3	58 7	98 2	63 2	3 4	2 16
J & P Berry	B3	42 0	96 2	62 7	3 4	2 15
Ray E Bicksler	3	46 7	94 4	55 3	3 8	2 11
Heindel Farms Inc	1	22 7	92 4	48 5	4 3	2 10
Lynnacres	3	135 0	95 5	56 2	3 7	2 09
G S Troutman Jr	B3	64 0	96 1	58 6	3 6	2 09
Glenn B Gockley	G3	34 3	92 0	54 7	3 8	2 06
Daview Farm	3	52 3	87 0	54 4	3 7	2 02
Martin Moyer	B3	51 5	85 2	50 5	4 0	2 00
George E Moyer	3	88 9	87 7	48 8	4 1	1 98
Wilmer R Martin	3	39 0	89 3	50 2	3 9	1 98
David J Williams	G3	39 0	94 8	51 7	3 8	1 97
Wm G Howerter	3	89 1	91 9	51 6	3 8	1 94
Larry E Phillips	B3	35 2	94 9	50 7	3 8	1 94
Arlan Krick	B3	69 5	93 0	51 7	3 8	1 94
Larry L Mertz	B3	85 7	92 4	53 1	3 6	1 92
Clarence B Kulp	3	70 8	88 8	52 8	3 6	1 92
Wilmer Dreibelbis	B3	49 9	91 6	51 7	3 7	1 89
William C Adams	3	89 4	95 6	45 7	4 1	1 88
Donald B Duncan	B3	98 8	89 2	44 6	4 2	1 87
K & R Wolfskill	B3	51 0	83 8	49 1	3 8	1 87
Vernon G Good	B3	38 5	93 7	51 8	3 6	1 86
P & H Dietrich	B8	39 8	89 7	50 6	3 7	1 86
Raymond B Nolt	B3	75 6	87 4	49 1	3 8	1 85
Lawrence Kieffer	B3	69 0	90 5	51 1	3 6	1 85
Roger S Buch	3	47 9	80 5	51 1	3 6	1 84
Scattered Acres Inc	B3	144 7	84 2	51 9	3 5	1 84
Robert F Kopfer	B3	45 1	87 1	47 2	3 9	1 84
Harvey Krill Jr	B3	53 9	93 3	50 2	3 7	1 84
Kenneth H Wenger	B3	67 4	84 0	50 7	3 6	1 84
Harvy M Weaver	G3	46 4	88 0	45 5	4 0	1 83
William Mitchell	B3	28 5	91 0	49 9	3 7	1 83
R L Sattazahn	B3	107 1	90 1	48 1	3 8	1 82
Robert Sittler	B3	54 7	90 2	52 0	3 5	1 82
Red Fever Farm	B3	62 2	90 9	47 7	3 8	1 82
Luke Snyder	B3	50 8	94 0	50 3	3 6	1 82
Yost Brothers	B3	115 1	91 9	49 7	3 7	1 82
Fred J Walters	B3	68 0	85 8	45 8	4 0	1 81
Donald Burkholder	G3	89 2	92 4	48 2	3 7	1 80
E D Leatherman	B3	64 9	88 5	47 5	3 8	1 79
Udder Valley Farm	B3	70 2	89 7	47 4	3 8	1 79
Leroy E Howard	3	139 4	89 9	50 2	3 5	1 78
Kenneth Zook	B3	45 7	86 4	53 9	3 3	1 77
R B Burkholder	B3	41 0	89 5	47 4	3 7	1 77
Richard Bleiler	B3	55 3	86 8	48 5	3 6	1 76
Phillip Wisser	B3	30 4	89 3	48 5	3 6	1 76
Irvin M Martin	B3	50 8	92 3	49 7	3 5	1 76
Ronald L O Neil	B3	52 7	96 2	43 9	4 0	1 76
Paul B Martin	B3	51 4	87 5	53 0	3 3	1 76
Glenn R Harnish	B3	78 8	85 9	47 6	3 7	1 76
Irvin G Weaver	G3	51 9	80 7	47 4	3 7	1 76
Robert Yanos	G3	60 1	97 6	47 3	3 7	1 75
Don Aloan	B3	43 9	82 4	43 2	4 1	1 75
FM Browns Sons	B3	95 2	88 7	51 9	3 4	1 75
Pinnacle Vw Dairy	B3	47 9	91 2	48 2	3 6	1 75
Vista Grande Farm	3	83 8	87 2	46 4	3 7	1 73
Ker Min Farms	3	78 8	89 9	48 1	3 6	1 73
Ontelynn Acres	B3	111 8	85 9	44 9	3 9	1 73
Wilmer Hurst	B3	49 8	84 8	42 5	4 1	1 73
Reu Hel Farms Inc	3	42 2	76 3	48 8	3 5	1 72
Ernest O Miller	B3	179 4	85 3	43 8	3 9	1 72
L G Stoltzfus	3	27 9	96 4	49 6	3 4	1 71
Russell H Haas	G3	52 5	90 5	47 1	3 6	1 71
Mervin Brubaker	B3	70 8	84 5	45 8	3 7	1 70
P & T Werley Jr	B3	98 7	91 1	45 1	3 8	1 70
Alton Rohrbach	B3	43 8	87 5	45 0	3 8	1 70
Wilson Balthaster	B3	68 3	87 3	45 0	3 8	1 70
Jaimore Farm	B3	78 8	82 4	43 8	3 9	1 70
Linden Loch Hols	3	53 9	89 5	44 1	3 8	1 69
Rodger L Wagner	B3	121 7	93 3	42 7	3 9	1 68
Marlin Stutzman	B3	55 7	90 8	41 5	4 0	1 68
Good Bros	B3	67 1	86 3	44 2	3 8	1 68
Mat Mar Farms Inc	3	84 8	84 6	45 3	3 7	1 67
Roy Hoppes	B3	38 2	85 9	43 6	3 8	1 67
Adin Oberholtzer	B3	67 0	90 0	43 3	3 9	1 67
Daniel J Harnish	B3	93 6	87 4	46 8	3 5	1 66
Herb Top Farms	B8	25 0	93 6	41 9	4 0	1 66
H & G Schuler	3	71 0	76 3	45 3	3 7	1 66
Bendy Brook Farm	3	53 8	78 7	46 7	3 6	1 66
Merlin J Grube	B3	37 6	92 0	40 8	4 1	1 66
R & Ken Sanner	B3	71 1	82 8	42 2	3 9	1 65
Carl H Rabenold	B3	60 5	83 7	45 7	3 6	1 65
Teen Chal Farm	B3	102 0	86 8	41 7	4 0	1 65
Ernest E Heckman	B3	52 1	94 0	44 8	3 7	1 64
Ray W Seidel	B3	35 0	87 8	44 5	3 7	1 64
Ernest C Hoffman	3	53 6	88 9	46 4	3 5	1 64
C C Sattazahn	B3	92 2	93 0	46 5	3 5	1 64
Harry P Shaak	B3	109 1	90 0	43 3	3 8	1 63
Arlan D Davis	B8	28 0	90 9	45 9	3 6	1 63
Show Top Farms	3	145 7	89 8	43 5	3 7	1 62
Ronald L Richard	3	47 9	85 8	38 5	4 2	1 62
Harry P Shaak	B3	111 4	87 7	42 3	3 8	1 61
Frank G Gromlich	3	68 7	85 3	42 8	3 8	1 61
Win Dale Farm	B4	44 7	89 4	29 9	5 4	1 61
W Dreibelbis Jr	B3	53 0	84 5	50 5	3 2	1 60
John Newswanger	G3	47 4	86 0	43 4	3 7	1 60
Nathan Nolt	B3	52 0	82 5	43 4	3 7	1 60
Eleanor Siegfried	3	78 1	91 6	39 5	4 0	1 59
Keith E Hertzog	B3	34 8	95 1	43 9	3 6	1 59
K & D Dietrich	B3	39 6	82 4	42 7	3 7	1 58
Norman Z Nolt	3	37 4	85 5	45 0	3 5	1 58
Floyd Kurtz	B8	43 2	86 8	47 9	3 3	1 57
Leon Sensenig	B3	55 6	83 5	40 5	3 9	1 57
B & K Grimes	B3	73 1	87 0	38 0	4 1	1 57
Lynn E Stoudt	B3	58 0	89 3	48 6	3 2	1 56
Alfred E Schmidt	3	55 9	88 0	42 4	3 7	1 56
Swatara Dairy Farm	3	89 2	77 5	36 9	4 2	1 56
Blue Mtn Academy	G3	123 9	85 4	44 6	3 5	1 56
Retland Farm	3	50 6	85 4	45 9	3 4	1 55
Louis E Moyer	3	55 3	76 9	39 7	3 9	1 53
Charles D Moyer	B3	114 4	80 7	40 5	3 8	1 53

(Turn to Page D14)

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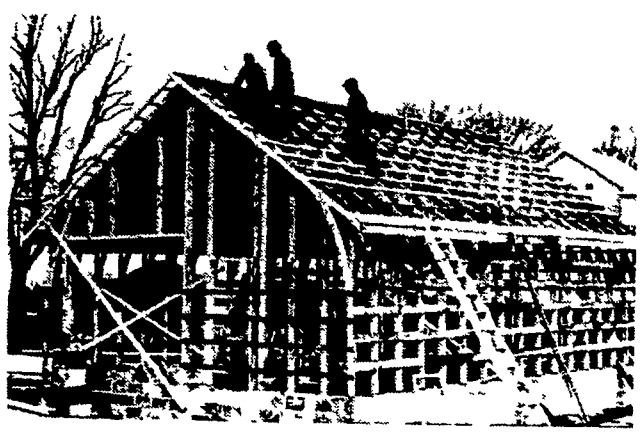

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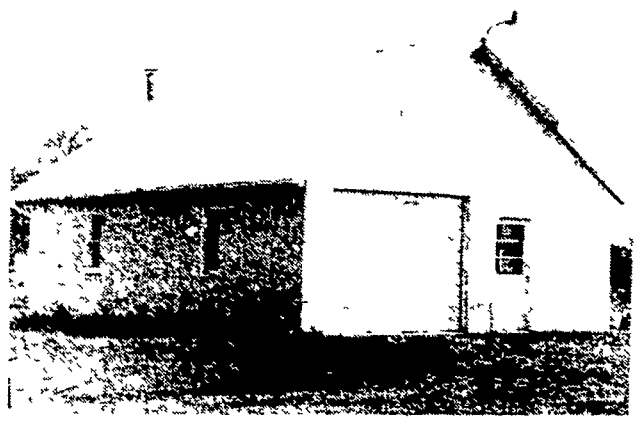

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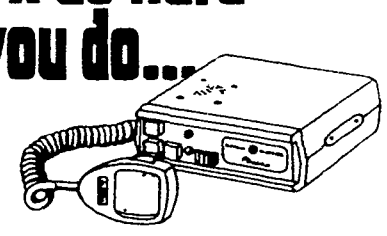

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(Continued from Page D13)

Richard W Hoppes	3	60 6	84 3	42 5	3 6	1 53
Lewis Nolt	B3	57 7	83 6	42 0	3 6	1 53
Gary Heffner	B3	29 0	81 7	47 2	3 2	1 53
Donald E Landis	3	126 9	90 9	44 4	3 4	1 52
Earl R Hafer	B3	97 6	97 7	41 7	3 6	1 52
Elam G Hoover	B8	85 0	85 7	38 3	4 0	1 52
Lester Burkholder	B3	95 6	82 5	42 5	3 6	1 51
James H Adam	B3	128 3	88 9	37 7	4 0	1 50
Troutman & Sons	B3	100 7	81 0	41 2	3 6	1 50
Earl R Hafer	B3	96 6	93 5	41 6	3 6	1 50
Wm W Herbert	B3	49 6	91 1	37 5	4 0	1 50

The following cows produced over 650 lbs of fat or more in 305 days or less

OWNER NAME OR NO	BREED	AGE	DAYS IN MILK	LBS MILK	LBS FAT
Eleanor K Siegfried					
Grace	H	5 2	305	15 773	706
Leroy E Howard					
Olive	H	8 6	305	18,810	680
Blackie	H	3-5	305	17,226	657
Show Top Farm					
Sugar	H	4 6	305	18,742	765
Angie	H	4-5	305	20,708	685
Arline	H	4-3	305	16,110	796
Jackie	H	3-4	305	15,170	674
Molasse	H	2-6	305	17,454	672
Carl E Hollenbach					
Nell	G	4-3	305	15,894	669
Roger S Buch					
Marry	H	6 8	305	21,877	733
Sabrina	H	3-6	305	18,556	716
Reu Hel Farms Inc					
Schlepp	H	2 8	305	20,053	744
Vista Grande Farm					
Piebe	H	6-7	305	19,087	788
Linden Loch Holstein					
No 78	H	6-6	305	23,926	868
No 201	H	5-6	305	20,670	688
No 214	H	4 9	305	18 592	702
No 173	H	3-0	305	16,602	756
Donald B Duncan					
No 38	H	4 6	305	20,768	743
No 87	H	3-7	305	18,257	712
Charles & Tim Kissling					
Tammy	H	3 0	250	18,076	677
Lynn E Stoudt					
No 190	H	2-4	305	18,899	741
Herb Top Farms					
Blanche	H	3-1	305	18,676	682
Donald E Landis					
No 214	H	4-10	305	19,564	738
Ralph & Ken Sanner					
Ruby	H	5-2	305	20,445	771
Fay	H	4-5	305	23,123	720
Leonard G Stoltzfus					
Gwen	H	9-7	305	19,687	657
Lica	H	3-9	305	17,497	770
Alfred E Schmidt					
Daisy	H	12-7	305	19,430	675
Ray W Seidel					
Verna	H	7-3	305	16,459	658
Robin	H	7-5	305	17,096	689
Ker Min Farms					
Star	H	4-9	305	17,689	721
David J Williams					
Susie	H	4-11	305	18,636	673
Charles Plushanski					
Della	H	8-9	305	24,863	908
Peg	H	9-4	305	25,636	976
Dandy	H	2-0	305	23,620	832
Marlin J Stutzman					
Katie	H	6-2	305	20,185	658
Holly	H	5 11	305	20,519	754
Charles D Moyer					
Peppr 77	H	6 5	305	16,281	671
Abby 153	H	4-3	305	19,195	664
F M Browns Sons Inc					
No 61	H	11-7	305	21,761	730
No 23	H	7-6	258	17,531	666
Donald M Meyers					
Arlene	H	5 5	305	18,607	694
Daview Farm					
Beaver	H	3-5	305	22,361	715
R R Troutman & Sons					
Laura	H	7 11	305	20,612	808
Cheryl	H	1-11	305	16,428	676
Mervin Brubaker					
Echo 28	H	11-6	305	19,191	692
Lorie 44	H	6 7	305	18,519	698
Jean 15	H	5-3	305	21,837	683
Robert L Sattazahn					
Luella	H	5 4	305	17,500	652
Tanya	H	4 7	305	17,545	665
Frank G Gromlich					
49er 2	H	6 5	305	17,345	759
Ona 7	H	5 6	305	16,986	669
Anita	H	4-6	295	15,932	720
Robert C Dreisbach					
No 127	J	7-0	305	13,027	695
No 195	J	6-5	305	14,855	694
William W Herbert					
No 34	H	7-5	305	18,943	678
No 18	H	7-7	300	17,810	661
Clarence B Kulp					
No 32	H	4-7	305	23,009	697
No 93	H	3-1	305	21,385	706
Larry E Phillips					
No 255	H	7-2	305	26,505	952
Ernest O Miller					
No 344	H	7-8	305	19,082	737
No 511	H	4-10	305	19,732	703
No 671	H	3-7	294	17,049	710
Richard W Hoopes					
No 4A	H	4-6	305	19,138	770
Carl Zettlemoyer					
No 57	H	4-7	305	14,449	673
Ontelynn Acres					
No 99	H	10-6	305	20,336	723
No 73	H	6-2	305	19,807	768
Richard A Bleiler					
Verna	H	12-6	305	20,634	660
Lucy	H	7-2	305	19,754	772
Phoebe	H	5 1	305	23,006	727
Petunia	H	4-2	305	20,320	665
JJ	H	3 1	305	21,130	770
Scattered Acres Inc					
No 77	H	9-3	305	16,765	711
No 25	H	8-9	305	19,226	661
No 82	H	3-2	293	18,657	675
No 14	H	3-1	305	15,985	662
No 204	H	2-2	305	15,760	675
R Bernell Burkholder					
Wanda	H	5-11	305	18,960	725
Norman Z Nolt					
Molly	H	4-4	305	17,461	687
Retland Farm					
No 33	H	10-7	305	17,937	696
No 23	H	4-5	305	17,530	668
No. 8	H	3-6	305	18,896	694
Irvin M Martin					
No 5	H	3-1	305	20,126	753
Roy Hoppes					
No 997	H	5-0	275	19,796	699
No 60	H	7-6	286	17,909	685
Molly	H	3-4	305	18,545	709
Philip & Tom Werley Jr					
No 86	H	7-6	305	17,387	668
No 22	H	4-6	305	18,800	660
Robert E Kopfer					
No 10	H	3 6	305	20,931	717
Elam G Hoover					
No 21	H	4 6	305	18,619	668
No 25	H	4 3	305	17,711	661
Dynasty Holsteins					
No 168	H	6 3	305	15,779	656
Heindel Farms					
Rosa	A	3 5	301	15,450	687
Heindel Farms Inc					
Leah	H	4 0	305	21,269	839
Lou	H	3 4	305	19,973	792
Harvy M Weaver					
No 32	H	6 3	305	20,500	703
Harvey C Krill Jr					
Jacklyn	H	6 4	305	18,560	714
Blackie	H	5 6	305	19,513	691
Lyn	H	0 0	305	21,525	750
Leslie	H	3 0	305	19,423	724
Fred J Walters					
No 33	H	6 3	305	16,824	664
Bruce D Cammauf					
Betsy	H	5 6	305	20,262	847
Tiny	H	4 7	294	17,079	661
Carl & Forest Strickler					
Elsie	H	4 10	305	21,688	844
Lewis Nolt					
No 34	H	5 6	305	18,064	675
Arlan Krick					
Queenie	H	6 4	305	17,251	723
Ken & Robin Wolfskill					
No 74	H	3 1	305	22,556	952
Good Bros					
No 17	H	7 2	305	20,743	780
No R47	H	3 2	305	18,317	654
Wilmer R Martin					
Kate	H	3 6	305	20,427	797
Flora	H	10 2	300	16,472	652
Ginny	H	7 7	305	20,712	713
B&K Grimes					
No 181	H	3 8	305	19,547	704
No 151	H	3 2	305	19,880	840
John Newswanger					
No 40	H	6 8	305	20,473	654
Kenneth H Wenger					
No 12	H	8 3	305	23,996	887
No 3	H	0 0	305	22,965	674
Blue Mtn Academy					
No 450	H	4 5	305	15,513	671
Poplar Drive Holstein					
Dixie	H	5 4	305	20,803	697
Lyn	H	4 1	305	16,408	740
George S Troutman					
Ivory	H	5 7	305	22,217	883
Lulu	H	3 3	305	17,697	674
Pat	H	3 6	305	24,666	704
Yost Brothers					
No 115	H	4 4	305	22,376	671
Teen Chal Farm					
No 11	H	4-7	305	14,557	666
No 44	H	2 4	305	17,164	673
Irvin G Weaver					
No 80	H	7 11	305	23,608	780

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Width	A	B	C	D	E	EE	EEEE
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Lebanon County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

March 1982

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	LBS FAT
Raymon & Marlin Getz	3	52 1	82 2	19,992	744
Bennetch Bros	3	71 6	85 9	19 717	725
Marvin Meyer & Sons	B3	92 5	89 6	18,554	716
Dale Hostetter & Sons	3	88 2	85 9	18,528	715
Willow Maple Farm	3	43 4	90 9	20,013	694
Roy E Nolt	B3	49 0	82 8	18,251	685
Gary Lentz	3	42 2	86 3	18,269	684
Hubert S Miller	3	53 8	86 7	16,792	684
Ronald Kelchner	B3	58 5	86 1	18,824	683
Arnold Acres	3	99 2	88 7	18 542	681
Gary Lee Mase	5	16 1	88 2	16,247	678
Clarence G Mase	G3	32 6	83 3	18,286	676
Albert F Moyer	3	78 6	87 3	19 526	673
David Brandt	3	65 8	87 3	17 662	673
Marlin M High	B3	35 1	86 8	18 696	671
Kenneth Mase	B3	81 6	87 4	17 779	671
Vincent A Wagner	3	42 8	84 4	18 267	670
Kenneth I Sellers	3	43 6	85 4	17 221	668
Mervin W Horst	B3	41 0	87 9	17 911	668
Enos N Leinbach	3	32 8	90 2	17 774	664
Kirby L Horst	3	41 4	83 4	17 747	664
Eugene R Houser	3	28 1	85 8	17 421	664
Rich & Ron Shirk	3	75 2	88 8	17 692	658
Roy H Weaver	B3	61 3	86 0	17 537	654
Irvin Z Brubaker	B3	41 4	87 4	18 612	649
Philhaven Farm	3	94 4	89 6	17 667	649
Donald G Hotler	B3	46 7	86 5	17 156	647
Walter M Martin	B3	42 7	84 3	18 423	646
Gideon A Fisher Jr	G3	34 4	84 8	18 507	644
Sonnen Acres	B3	110 7	83 6	16 745	643
Hoover Farms	3	83 0	86 0	17 319	640
Robert Martin	B3	45 7	87 7	17 133	640
Galen Bollinger	B3	129 8	90 6	17 343	639
Ferndale Farms	3	84 3	82 0	17 634	639
Fort Zeller Farm	B3	46 5	84 6	16 778	636
Reuben O Martin	B3	66 4	84 6	17 470	636
San Bo Holsteins	B3	66 3	87 4	17 311	635
Norman Kline	3	73 2	84 0	17 187	632
Phares Z Musser	3	78 3	86 7	16 067	631
David E Zimmerman	B3	49 4	85 3	18 459	631
Hershey Bare	3	87 6	87 0	16 669	631
Lloyd S Newswanger	B3	72 4	83 8	17 491	631
Melvin Krall	B3	75 0	89 4	16 928	629
Ernest Wagner	3	37 4	85 6	16 812	628
Lloyd Burkholder Jr	B3	49 3	88 1	17 305	627
Conewago View Farms	B3	73 4	85 1	16 518	627
Robert B Smith	2	76 3	85 7	12 948	626
Daniel B Shirk	3	42 1	88 4	17 059	623
David H Horning	G3	64 5	82 1	16 683	620
Mark C Patches	B3	86 9	86 6	15 661	620
Leon M Burkholder	B3	41 8	89 0	16 877	618
G & Elmer Ungemach	B3	75 8	88 7	16 477	615
Ernest P Detweiler	B3	52 9	84 5	17 876	615
John Brubaker	B3	52 3	86 4	17 107	613
Moses O Martin	B3	70 1	89 4	17 987	612
Hoover Farms No 2	B3	46 1	85 9	16 883	611
Walter K Heisey	B3	55 7	88 3	16 882	610
Wernerway Farm	B3	121 3	86 5	16 618	610
Leon H Kline	3	88 9	87 8	16 801	610
Alvin & M Martin	B3	42 8	87 8	17 739	610
Arthur Krall & Son	3	64 7	82 8	16 303	608
Marlin D Heisey	B3	36 0	82 0	16 658	604
Harvey T Bomgardner	3	99 4	85 1	16 102	602
Eugene Martin	B3	93 8	86 5	16 254	599
Mark Copenhaver	B3	64 6	89 0	15 803	598
Mt Echo Dairy Fm	B3	119 3	88 1	16 276	598
Wilmer S Reiff	B3	60 6	84 2	16 192	594
Hollow Pride Fm	B3	39 0	86 8	16 219	594
Lentzdale Fms	B3	67 1	86 4	16 051	589
Mark Bomberger & Son	B3	77 7	87 5	15 602	589
Jesse L Weaver	B3	50 4	83 2	16 114	587
Bucher Bros	B3	42 1	82 6	16 452	585
Elvin Martin	B3	50 3	83 4	15 938	582
Dennis Wampler	B3	99 6	87 4	16 631	582
Twin Maple Farm	B3	41 1	83 5	16 203	578
Ray R Sattazahn	B3	99 7	84 3	15 839	577
M Luther Bennetch	G3	69 4	86 1	15 128	571
Richard Heilinger	B8	34 9	84 4	14 876	567

(Turn to Page D16)

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36" Panel Fan

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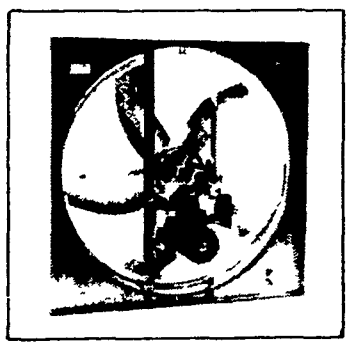
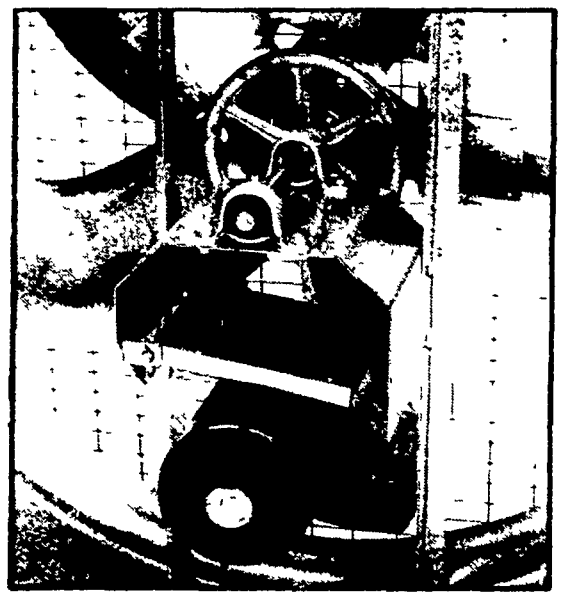
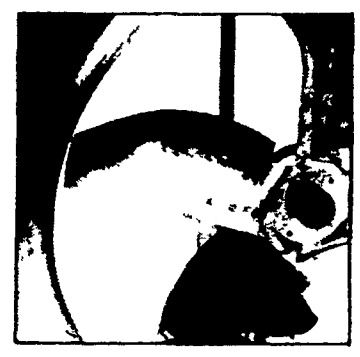


Frame and fan opening are one-piece, all galvanized construction for longer life and durability.



Fan motor suspended by self-tensioning belt to minimize belt slippage for reliable, efficient performance and minimal maintenance. Fan bearings are self-aligning and pre-lubicated with ammonia-resistant grease for long life.



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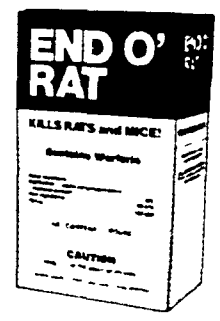

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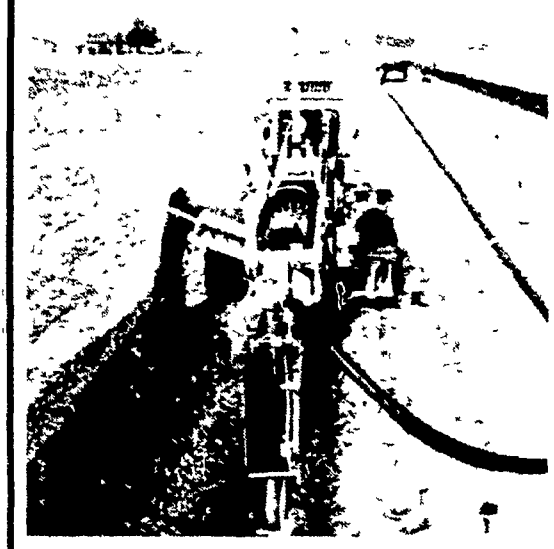

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Kent County DHIA Monthly Report

March 1982

OWNER	NO COWS	% FAT	LBS FAT
Allen Wright	57 2	2 00	57 2
Roy W Crow	55 9	2 04	57 2
R&E Brink	57 2	1 93	56 1
Wm S &S B Sutton	52 0	2 00	54 9
P Thomas Mason	51 1	1 99	54 4
Wintacres	53 5	1 91	54 1
Wm & Charles Chance	51 9	1 93	53 8
Joseph A McHenry & Sons	50 2	1 98	53 8
McGuire Bros , Inc	50 9	1 95	53 7
Fair Hill Farm, Inc	52 3	1 80	51 9

Cows That Completed Their Lactation Over 750 Lbs Butterfat

OWNER NAME OR NO	AGE	DAYS IN MILK	LBS MILK	LBS FAT
S B & Wm S Sutton 230	3 08	305	21,320	818
McGuire Bros , Inc 467	5 02	305	23,610	940
Friendship Farm 124/Linda 28	10 01	305	19,220	757
All Reed Farm 27/Hel	4 11	305	21,110	812
P Thomas Mason 3/Della	4 07	305	21,500	799
Allen Wright 40/Carol	2 05	301	19,950	796
H Julian Hill & Sons 66/RMTL	4 07	305	19,690	769
Fair Hill Farm, Inc 458/Kumiko	3 02	305	22,780	783
Carl C Leonard 44	5 06	305	22,200	991
76	6 07	305	18,690	754

Lebanon Co. DHIA

(Continued from Page D15)

J Calvin Zimmerman	B3	110 1	81 2	14,908	560
Luke Wise	G3	37 6	86 8	15 779	560
Melvin M Nolt	B3	52 8	87 6	15,110	560
David Eugene Reiff	3	44 0	85 0	16,847	558
Neal Eshleman	G3	39 5	84 3	16,061	558
Clyde E Deck	G3	67 0	85 3	14,623	555
Harold Myer	B3	321 7	87 4	14,388	555
Lester Martin	B3	58 5	88 9	14,575	555
Richard Batz	3	28 1	88 8	15,208	555
Isaac E Zimmerman	3	22 9	83 3	14,141	554
Ezra H Martin	B3	52 5	84 7	15,929	552
David B Lehman	B3	45 5	84 5	15,569	551

WHAT'S YOUR PROBLEM?

Here's A Timely Tip...

Apply lime often for best results

To keep your soil neutral, liming every 2 or 3 years is recommended, because of the new higher analysis fertilizers being used today

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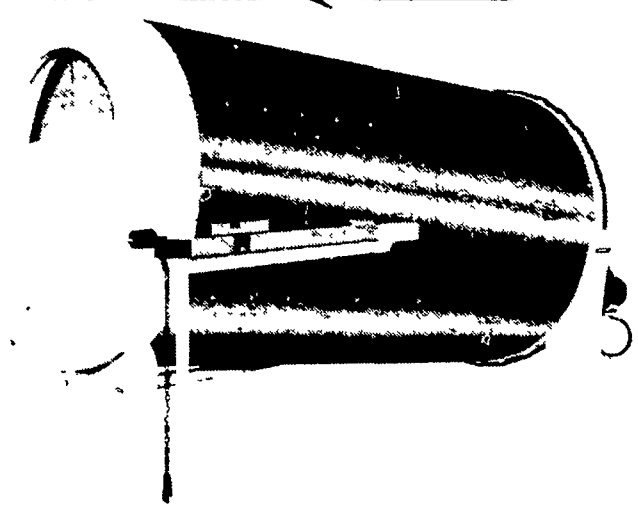

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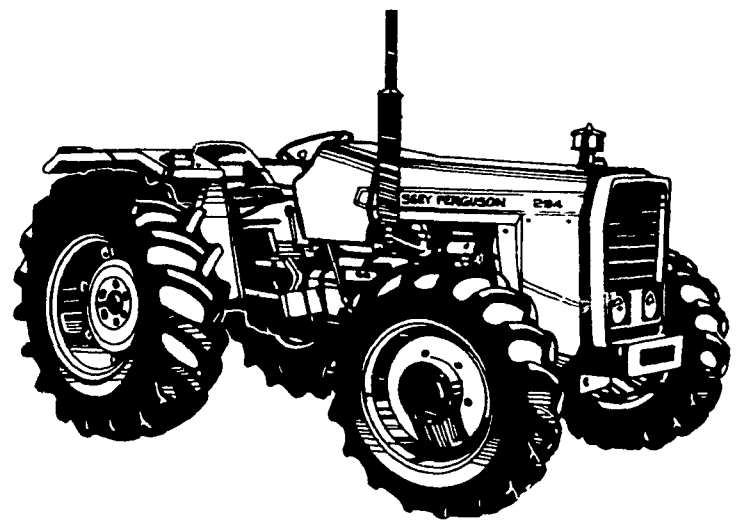

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The Dairy Business

By Newton Bair

Get ready for the alfalfa boom

How soon will the first cutting of alfalfa be ready to harvest? The answer is "soon", so get ready now. Plan to make the first cut as early as possible, whether it goes for hay or silage.

How early is early? The rule of thumb of 1/10 bloom, but this stage is not always apparent.

Another rule is cut when you can see the basal buds near the crown. I like that one better.

In southeastern Pennsylvania you can safely cut about May 17 - 25. Farther north, or at higher elevation, it may be a little bit later.

The main purpose of early cutting is for quality forage. We now have plenty of evidence from the Pennsylvania State Alfalfa program that early cut alfalfa tests about 20 percent crude protein — often as high as 22 percent, and total digestable nutrient (TDN) content also is highest at this time.

The payoff is not only in higher percentage of crude protein and TDN, but also higher total yield of these nutritional factors. There may be some loss of tonnage, but this is made up in higher quality.

Is the reduced tonnage from early cutting significant?

No it isn't. Our observations of the practices recorded by the top growers in the Penn State Alfalfa program have shown that by making the first cut early you will gain enough time to make an extra cut, also of high quality. Depending on your location, an extra cut may be a third, fourth or even a fifth harvest for the season.

What about spraying?

Forget about spraying the first growth of alfalfa. Some alfalfa weevil will probably be seen, but by the time you see very many, it's time to cut anyway. In most cases, when the first harvest is off, the weevil is already pupating and no longer a menace. If the weevil larva are still chewing when the first cut is off, spraying the stubble is very effective and cheaper than spraying a standing crop.

Whether you are praying or spraying, get on your knees for best results. Check things out of close range. If the larva are crawling and eating — spray. If they are still and pupating — don't. Nature will take care of them from here on, at no cost to you

Leafhoppers

Don't worry too much yet about the leafhopper. The experience of the last several years has been the leafhoppers arrive in full force on or after June 15, just in time to clobber the third crop of alfalfa

If you don't have a sweep net, get one, or borrow one from your neighbor Start sweeping your fields in early to mid-June to count leafhoppers

Briefly, here is how you use a sweep net.

- Select at least 5 random sites in a field. As you sample a site, take a long step between each sweep.
- Make 20, 180 degree sweeps with the net at each site, sweeping 3 to 4 inches below the top of the plants.
- After 20 sweeps, swing the net back and forth several times, to force the insects into the small end of the bag.
- Count all the adults and nymphs of the leafhopper, and record.

After you sweep 5 sites, you can calculate the average number of insects per sweep. Example: If, after 20 sweeps of the net at 5 sites, you have collected a total of 60 hoppers, divide 60 by 100 = 0.6 hoppers per sweep.

If the population is high (50 or more in 20 sweeps) you can reduce the number of sweeps to save time.

Your decision on whether to spray depends on two things. the height of the alfalfa; and the average number of insects and nymphs per sweep.

For example, if you count 0 5 (one half) hopper per sweep of the net, and the alfalfa is only 6 inches high, spray immediately. If the alfalfa is 9 to 10 inches high at that count, resample again in 5 days. If the alfalfa is 12 inches or more in height, a count of 2 or more insects per sweep may justify spraying, but if it is only a week from harvest, cut instead of spraying. Then spray the next cutting.

Most serious damage to alfalfa from leafhopper occurs at the 4" to 10" stage of growth

Quick tips on haymaking

Mow alfalfa early in the morning so it has all day to dry

Rake in single windrows before noon the next day Rake while hay is still tough, and don't be afraid to spend up so tht the windrow is fluffy

Avoid baling when the hay is bone dry Best hay baling time is late evening, after leaves begin to take on a little moisture

Pray for rain while it's growing and sun while it's curing!

Acid preservatives do not improve the feeding quality of hay! Use only in situations where hay must be baled at high moisture (about 20 percent for legume hay)

For hay between 20 - 25 percent moisture, apply at least one-quarter actual propionic acid per 50 pound bale

Jersey bred heifers attracts new buyers

MERCER — While some folks, these days, aren't enjoying the high prices dairy cattle brought a year or two ago, Pennsylvania Jersey breeders had a lot to smile about as this year's Bred Heifer Sale averaged more than last year.

Held recently at the Mercer 4-H Park, 29 bred heifers averaged $1,126 and grossed $32,680, a contrast to last year's average of $1,064.

Florence Robinson, secretary-treasurer for the Pennsylvania Jersey Cattle Club, explained that a lot of new buyers kept the bidding lively for the annual event.

Jane Moore of Franklin paid $1,835 for the high-selling heifer. Consigned by New Wilmington dairymen Richard and Gerald Moose, Spring Run Earl Shasta is sired by Generator HL Earl and out of Spring Run QS Sheri, a high testing animal with records to 13,720 pounds of milk and 888 pounds of fat. The top-seller is due in June to Briarcliffs Black Magic

Fredonia breeder Donald Koontz had the high bid of $1,560 for a Briarcliffs Soldier Boy daughter Bryncoed Soldier Boy Candace, consigned by Thomas Williams of Middletown, is due to M.V F Banner Al and out of Bryncoed Cynthis Chira with records to 14,005 pounds of milk and 535 pounds of fat.

Walebe Samson Quincy commanded $1,350 and got the bid from Dean Moose of New Wilmington Consigned by Walebe Farms, Inc. of Collegeville, the heifer is sired by Gramhil Leader Sophia Samson and out of Walebe Mack Quince The heifer is due to Briarcliffs Black Magic

A Soldier Boy daughter, consigned by Joseph Shields of Summerville, also nailed down an $1,350 bid. Debra Stoudt of Bernville purchased Briafcliffs Secret Laura who is out of Milestone Secret Dairy Mae The heifer is due in July to Quicksilver Noble.

Hillcrest Jersey Farm of Volant donated a three-month-old calf to the sale Celias Penny Pickles was purchased for $400 by Michael Lusk of Charleroi The young heifer is sired by Celias Master of Fallneva and out of MP Quicksilver Pansy Penny

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10-20-20 6-24-24
20-10-10 32-0-10
15-15-15 26-13-13
8-32-16 22-12-18

19-19-19
12-36-12
10-20-10
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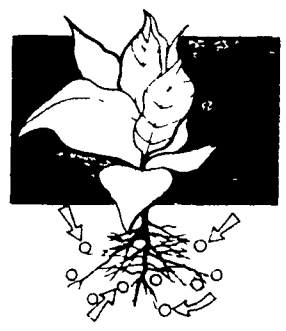

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Soil erosion lessens food, fiber production

HARRISBURG — Many acres of cropland aren't producing food and fiber at top capability, a USDA Soil Conservation Service, spokesman said. "This is because modern conservation farming methods aren't being used enough and erosion is still occuring at an alarming rate."

State Conservationist Graham T. Munkittrick said, "Most of the erosion we have in Pennsylvania comes from 5.7 million acres of cropland. Water causes this erosion by moving soil from where it was formed. This lost soil is generally the most productive topsoil."

But, is erosion more serious now than it was in the late 1940s?

The answer is yes and no. Erosion is separated into two parts, gully erosion and sheet and rill erosion. Gully erosion is defined as channels cut in the soil too deep to be smoothed out by ordinary cultivation. Sheet erosion is when continuous layers of soil are removed by the combined actions of beating rain and flowering water. Rill erosion is the result of wearing very small channels in the soil as water moves down a slope.

"Gully erosion control has improved considerably, but sheet and rill erosion are estimated to be 25 to 50 percent worse on farms because of increased intensity of cropping," Munkittrick said. "On farms where no conservation measures are being used, the erosion is estimated to be 400 percent worse."

Man speeds up the erosion process through many agricultural and construction activities that break up the soil surface and remove protective vegetation. This makes topsoil very susceptible to water erosion. Planting and growing crops necessitates some disturbance of the soil. In recent years, questions have been asked about how much plowing, disking and cultivating is necessary to produce a good crop.

To answer the question, economic losses caused by erosion, machinery use, problems of weeds and insects, and the management of water should be considered. These all relate to solving erosion problems

"During the last 30 years the economic developments in agriculture have prompted many farmers to quit growing hay as a part of a crop rotation plan," said John Spitzer, SCS agronomist. "The shift has been to continuous row crops (corn and soybeans) year after year. This practice can lead to severe erosion

"The available modern methods of controlling erosion just aren't being used as much as they should be. In fact, some terracing and stripcropping are being removed," Spitzer said. "The increase in erosion and resulting soil loss are needless and wasteful since they can be controlled by more modern methods."

Soil losses are measured in tons per acre per year. SCS has determined the average loss each soil can tolerate and not reduce its productive capacity. Some soil can lose only 1 ton per acre each year, while other soils can lose as much as 5 tons without damage.

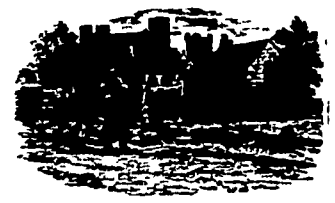
In 1977, the average loss rate was about 5 tons per acre nationwide. In Pennsylvania, it was 5.5 tons per acre. Cropland in southeastern Pennsylvania has an average soil loss of 9 tons per acre annually. In some areas the loss was 40 tons or more. The consequences of this level of erosion are lost food and fiber production, loss of valuable soil nutrients, and poor water quality in lakes and streams.

The most practical method developed to date for bringing erosion down to acceptable levels is to leave crop residues on the soil surface as a protective cover through the entire year.

"The residue provides varying amounts of protection depending upon the kind left on the soil surface," Spitzer said.

Tests show conservation tillage methods can reduce erosion by 50 to 90 percent when leaving 3,000 to 6,000 pounds of cornstalk on the soil surface under some conditions. When slopes exceed 8 percent and 250 feet in length, conservation tillage is not effective and needs to be supported by terraces and other practices to control erosion.

"Going one step further," Spitzer said, "with the addition of contouring and terraces, soil erosion can be reduced by 97 percent compared to the soil erosion that would occur under conventional tillage (plowing or disking). These figures show that by combining mechanical and vegetative practices and conservation tillage, erosion problems can be conquered," he continued.



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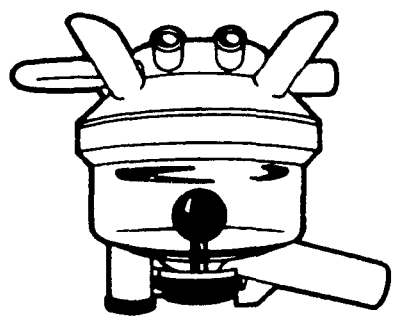

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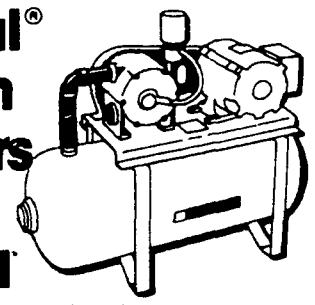

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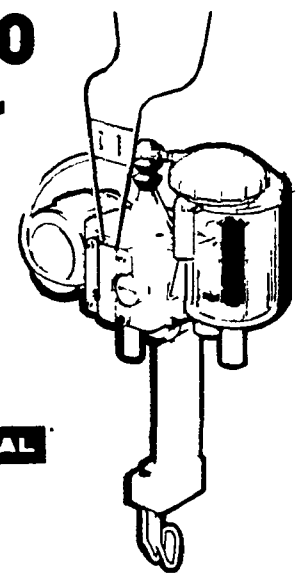

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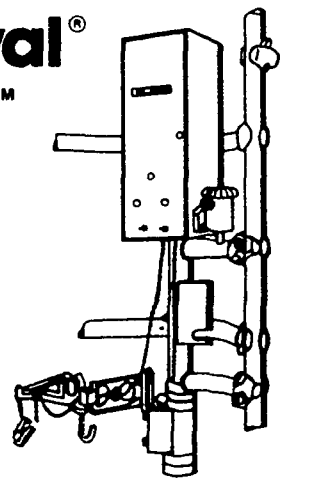

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U.S. Senate approves 3-year extension on farm credit

WASHINGTON, D.C. — The Senate Committee on Agriculture, Nutrition, and Forestry approved last Wednesday a three-year extension of the farm and rural credit programs of the Farmers Home Administration.

In the Committee approved bill, farm operating loan levels would be increased to $1.6 billion for fiscal years 1983, 1984, and 1985. In addition, the Committee agreed to continue the FmHA limited resource borrowers program and the Business and Industrial (B&I) loan program at limited funding levels.

The Committee legislation, patterned after the Administration's S. 2314, followed extensive hearings in the Subcommittee on Agricultural Credit and Rural Electrification, chaired by Senator Paula Hawkins (R-Fla.).

Senator Jesse Helms, chairman of the Committee, commended Senator Hawkins for "completing a very difficult task under severe economic circumstances." Helms expressed concern about increased funding in certain areas of the bill and about the continuation of FmHA programs, which do not benefit farmers.

"In the area of farm operating loans, the Committee action forged by Senator Hawkins is important to American farmers and ranchers. However, I am concerned that increased funding in many areas of this bill may contribute to an increased federal budget deficit, which will exacerbate problems farmers face with interest rates," Helms said

The following is a summary of the items considered by the Committee:

—Farm operating loans. The Committee approved a three-year authorization of farm operating insured and guaranteed loans at a level of $1.6 billion. The Administration bill (S. 2314) provided for a level of $1.51 billion for each of the next three years.

—Farm ownership loans. The Committee approved a three-year extension of the loan authorization for farm ownership loans at a level of $775 million, the same as the request in S. 2314.

—Business and Industrial loan program. The Committee approved a compromise agreement presented by Senator Hawkins providing $400 million for guaranteed B&I loans in each of the next three years. The Administration proposed to eliminate the program

In order to make the program more accountable, the Committee proposed to raise the equity requirement on loan applications to 20 percent instead of the current 10 percent; to decrease the present 90 percent federal loan guarantee on loans to 80 percent to ensure proper loan making and servicing, and to require a high unemployment.

—Limited resource borrowers program. The Committee approved a Hawkins' proposal to set aside 15 percent of farm operating and farm ownership loan funds for beginning or disadvantaged farmers.

The Administration had proposed to eliminate the distinction between limited and non-limited resource borrowers. *Present law requires that 20* percent of the funds be set aside for this purpose.

A provision was also adopted that would require limited resource borrowers to repay the subsidy on interest rates when they dispose of property obtained with low-interest loans

—Emergency Disaster loan program The Administration had proposed to cap the disaster program at $1.5 billion The Committee agreed to a provision to continue the authorization for the program providing for "such sums as may be necessary "

—Water and waste program. The Committee agreed to the Administration proposal to authorize the water and waste disposal loan programs at $300 million and $130 million for community facility programs.

The Committee approved bill also includes a provision to establish the rate of interest on water and waste disposal loans at 5 percent for communities below the 80 percent statewide non-metropolitan income level. The bill *also provides an intermediate rate* of interest of 7 percent for communities between 80 and 100 percent of the state-wide non-metropolitan median income level

—Alcohol Production Facilities Program. The Committee agreed to eliminate the alcohol production facilities loan program. However, the Senators agreed to include language in the report providing that a portion of the Business and Industrial loan funds will be made available for alcohol production applications if they meet the regular requirements of the B&I loans.

—Purchase of Crop Insurance. The Committee adopted a provision that would authorize the Secretary of Agriculture to require FmHA borrowers to purchase crop insurance of any type where available, on crops that will be used as substantial security for a loan

—Five-Year review of Borrowers. Under the Committee proposal, a thorough review of any borrower who has received FmHA farm operating loans for the previous five years would be required to determine his financial

(Turn to Page D20)

FARMERS HOME ADMINISTRATION FUNDING LEVELS (In billions)

Program	FY 1981 Actual	FY 1982 Authorized	Senate proposed
Operating loans	848	1 37	1 6
Ownership loans	813	825	775
Emergency Disaster	5 112	such sums	such sums
Business & Industrial	652	300	400
Water and waste	750	375	300
Community facility	260	130	130

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Penn State changes corn/nitrogen standards

UNIVERSITY PARK - The Penn State nitrogen fertilizer recommendations for corn now include two imporvements. According to Douglas Beegle, Penn State Extension agronomist, the first change is a nitrogen recommendation reduction for corn following a non-legume crop. The recommendation calls for approximately one pound of nitrogen per bushel of expected corn yield.

The second improvement is an increase in credits for nitrogen supplied by legume crops grown before corn in the rotation. Categories have been added to include the amount of alfalfa left in the stand. A credit is given for the nitrogen from a previous alfalfa crop in the second year of corn following a good alfalfa stand, and a credit is also given for the nitrogen contribution from soybeans. Beegle points out that the amount of nitrogen contributed by legumes is very significant. For example, corn planted following a good alfalfa sod can produce maximum yield with no additonal nitrogen except for starter fertilizer nitrogen. This effect often extends into following years, Beegle adds.

The recommendations were changed in the soil testing program last year, however, Beegle says the old soil test information sheets that are filled in and submitted with the sample do not contain all the categories discussed above. New information sheets, now being distributed, have all of these categories.

The nitrogen recommendations are based completely on information supplied by the farmer. The two factors considered are the corn yield goal, based on soil type, and any nitrogen contributed by a previous legume crop.

All of the common fertilizer nitrogen sources are equal in effectiveness if they are properly used, Beegle says. One of the main problems to be aware of is that significant amounts of nitrogen from surface applied urea (up to 1/3) can be lost by volatilization without one-half inch of rain within three days after application.

In no-till, this potential loss must be weighed against the cost of using a different nitrogen source. Beegle warns that the nitrogen in *nitrogen solutions* is approximately half urea and is subject to the same volatilization losses.

One other very important thing to remember is that manure, if properly managed, is a valuable source of nitrogen. For example, fresh cattle manue can supply five pounds of nitrogen, three pounds of phosphate (P205), and five pounds of potash (K20) in plant available forms per ton of manure. With a typical spreading rate of 12 tons per acre, this amounts to 60 pounds of available nitrogen per acre. "Adjust fertilizer recommendations by subtracting the amount of nutrients applied per acre by the manure," says Beegle.

This table summarizes Penn State nitrogen recommendations.

Farmers can use the table to adjust their recommendations for soil tests that have already been run or ones submitted using the old information sheets.

Just cross out the nitrogen recommendation given on your soil test report and write in the recommendation from the table that best fits your conditions. Since Penn State does not have a nitrogen soil test, the nitrogen recommendations are based completely on information supplies by the farmer. The computer uses this information and a table exactly like the one above to make the recommendation. Thus, farmers do not have to sacrifice any accuracy by using this table to make an adjustment to improve nitrogen recommendations.

	Yield Goal (Bu./A)**		
	100	125	150
	– Nitrogen (lbs./acre) –		
Continuous corn grain*	100 (120)	130 (160)	160 (200)
Continuous corn silage*	120 (120)	150 (160)	180 (200)
First year after good alfalfa sod (less than 50% alfalfa)	20 (60)	20 (100)	40 (140)
Second year after good alfalfa sod (less than 50% alfalfa)	60 (120)	90 (160)	120 (200)
First year after medium alfalfa sod* (25 50% alfalfa)	40 (120)	50 (160)	80 (200)
First year after poor alfalfa sod (more than 25% alfalfa)	60 (120)	90 (160)	120 (200)
First year after clover or trefoil sod*	60 (80	90 (120)	120 (160)
First year after soybeans	80 (120)	110 (160)	130 (200)

* Went into effect in Merkle Soil Test Recommendations January, 1981. Remainder cannot be used until new soil kits are distributed.

** Yield goals for silage are 17, 21, and 25 tons/acre respectively.

Credit extension

(Continued from Page D19)

status and prospects for graduating out of FmHA credit.

—FmHA Studies. The Committee bill directs the Secretary of Agriculture to conduct the following studies:

✓ **Marketing study,** which would investigate the practicality of the use of marketing techniques such as futures markets agricultural options trading and forward contracting by FmHA borrowers;

✓ **Cost-effective study of On-Sight Water Treatment,** which would be used to determine the cost effectiveness of providing individual on-sight water and waste treatment systems in rural areas; and

✓ **Variable interest rate study,** which would evaluate the potential use of variable interest rates for FmHA loans.

✓ **Oil and gas royalities.** The Committee approved an amendment offered by Senator David Boren (D-Okla.) requiring FmHA to permit borrowers to apply the proceeds from the leasing of oil and gas rights, or other mineral rights (with respect to land covered by FmHA loans) against current payments.

Md. Angus sale May 21

FREDERICK, Md. — Seventy head of carefully selected registered Angus cattle will sell May 21 at the Frederick, Maryland fairgrounds on East Patrick St. at 6:30 p.m.

Ten bulls with outstanding pedigrees and performance, ready for service, and 60 females, many with calves at side, will be offered by nationally known Angus breeders representing Maryland, Virginia, New York, New Jersey and Pennsylvania. Animals by some of the top sires of the breed are included in the offering. There will be many show prospects, herd sires and replacement females.

Some of the sires represented include Linebacker, Sky High, Cracker Jack, Patriot, Dynamo, Power Play, "10" and many more.

Prior to the sale, cattle may be inspected at the fairgrounds sale day. Cocktails will be served beginning at 4:30 p.m. and a beef sandwich plate with scalloped potatoes, fresh garden salad, and dessert will be served by the Maryland Angus Women's Club to benefit the Maryland Junior Angus Association. The public is welcome to attend.

The sale is sponsored by the Maryland Angus Association and managed by Tom Burke, American Angus Hall of Fame, Smithsville, Missouri. Sale chairman is Lee Miller, Woodsboro, Md. and Col. Mike Jones is the auctioneer. For more information call the Maryland Angus Association 301/489-4519 or write 1868 Rt. 94, Woodbine, Md. 21797.

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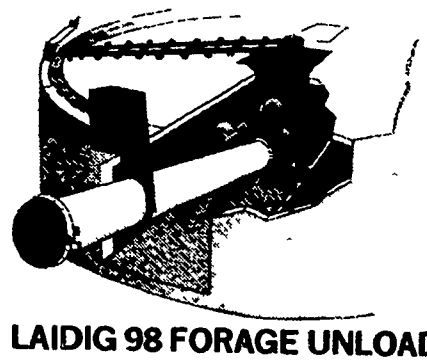

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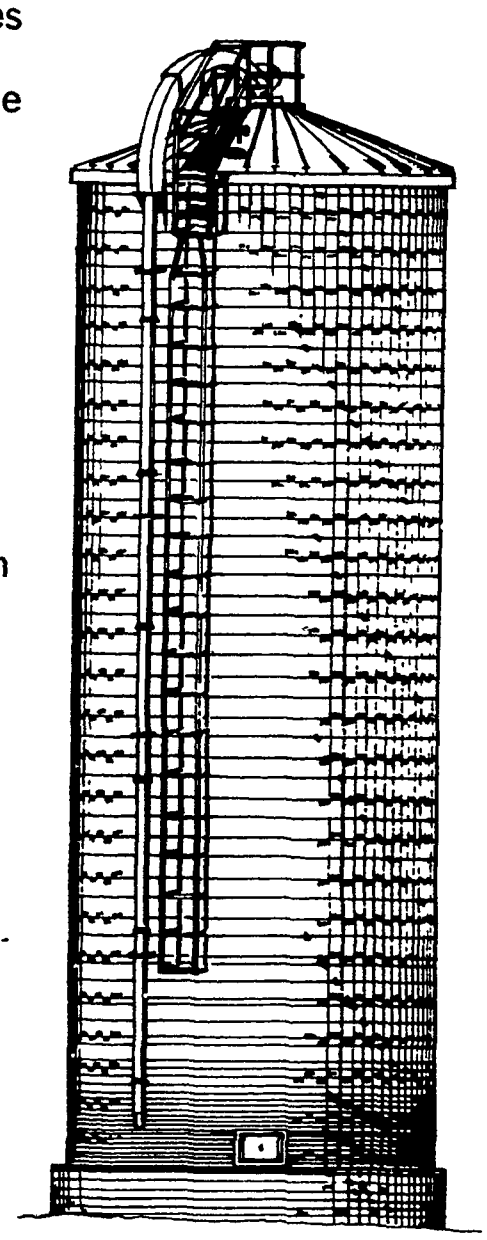

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Losing $50 of fertilizer each year?

LEESPORT — "Are you losing between $30 to $50 worth of fertilizer per acre this year?" asks Mercedes Seman, soil conservationist with the Berks County Soil Conservation Service.

Soil erosion is responsible for fertilizer losses of this magnitude, she reports.

Erosion attacks the topsoil and it is the topsoil which contains the major portion of natural and applied fertilizers, she explains Rainfall loosens topsoil and washes it to the nearest waterway

The amount of soil washed away each time depends on the intensity of the storm, the type of soil, the length and steepness of the slope, and the amount of ground cover provided by the crop growing there

"Multiplying a $30 to $50 per acre per acre year loss by the number of acres farmed can lead to a sizable figure", adds Seman. "This loss can be controlled, however, through a cost-free erosion control measure Contour strip cropping requires no investment and will yield a return in reduced fertilizer which, in turn, leads to better yields losses and improved soil fertility"

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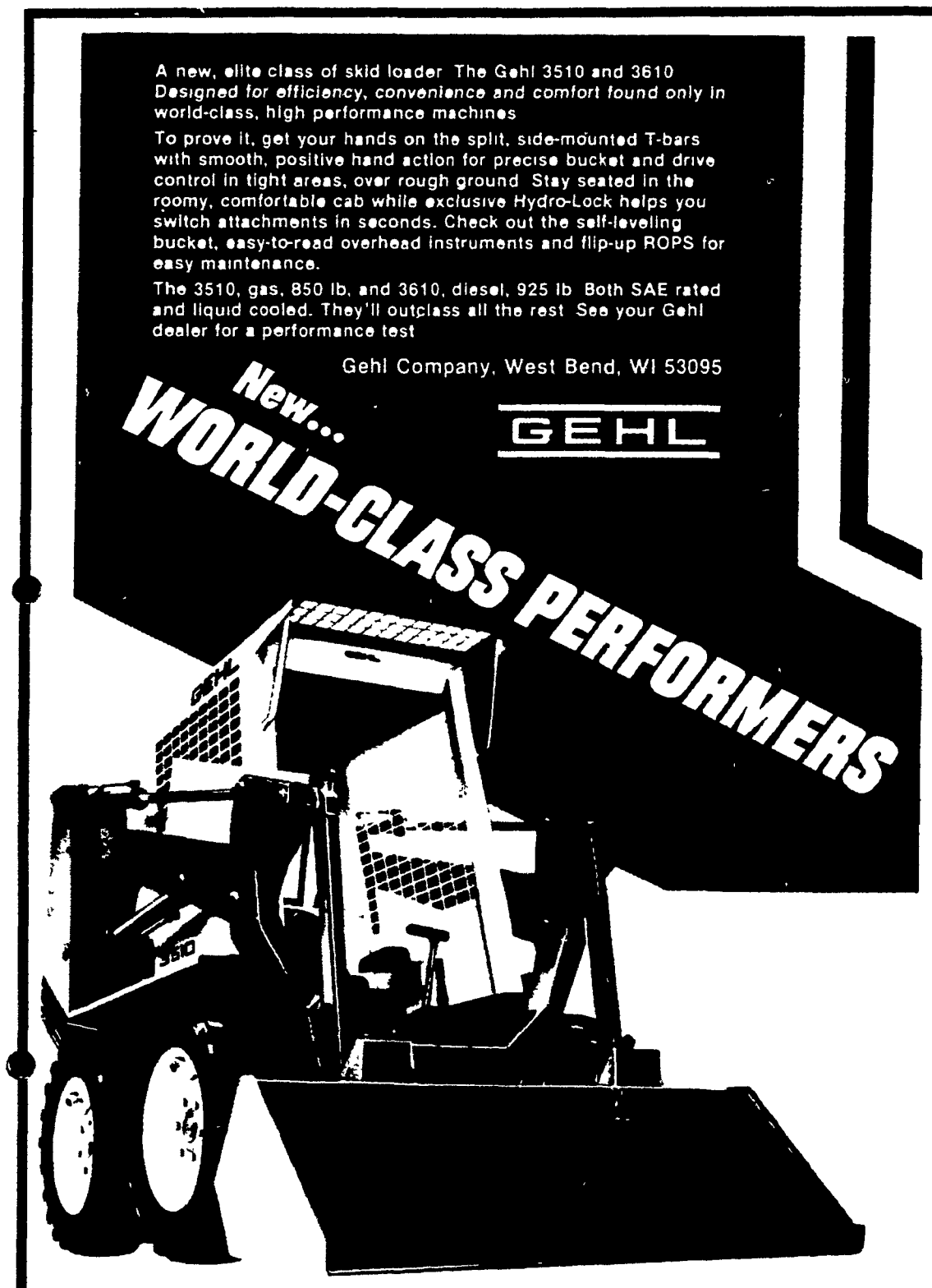

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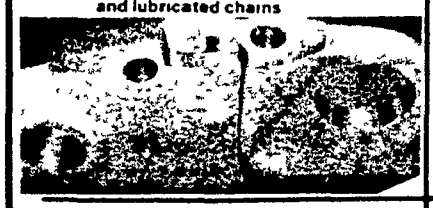

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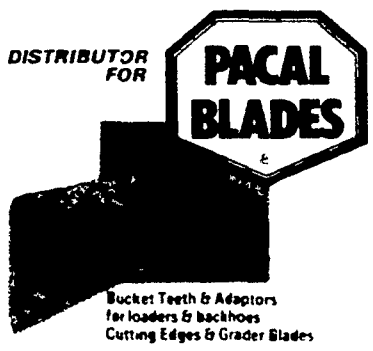

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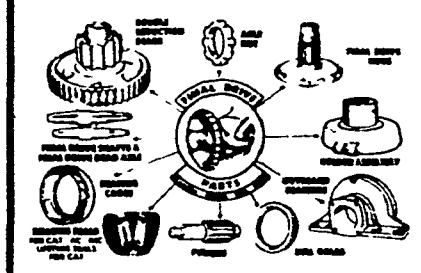

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County Agent

Off And Running

Here they Come! A total of 15,451 ballots were mailed to Pennsylvania dairymen from Harrisburg on May 5 to give everyone of you a chance to vote in a referendum to decide if the majority want to contribute three fourths of one percent of the average farm price of milk to a fund to be used to promote the sale of milk and dairy products. Official receiving of the ballots in Harrisburg will start with those postmarked Saturday, May 8 and continue to those postmarked Saturday, May 22.

Any farmer who was selling milk to a handler—including producer dealers and juggers—on December 11, 1981, should have a ballot and is entitled to vote. Addresses for the mailing were the same as those used by the handler on the milk check you received in January.

If there was more than one name on the milk check you still get only one ballot. If you haven't received a ballot just call the toll free number 1-800-932-0699 and leave your name, address, phone number and the name of the handler you shipped your milk to on December 11. All of this is needed to verify your eligibility to vote and reply to your call.

Bloc Voting

In April, the milk marketing cooperatives notified their members how they would bloc vote but any member may still cast his own ballot and it will be deducted from the total bloc voted by the co-op. The same vote will not be counted twice. This gives every producer an individual vote in the decision.

Most of the weekly farm papers in the state will be carrying advertisements the first and second week of May reminding voters to complete and mail their ballots before the deadline on May 22. To make your vote official your ballot must have your signature and the pounds of milk you shipped during December 1981. A copy of your December milk check stub can be used if you wish.

Information on the proposed program will be included with each ballot but anyone having questions can use the toll free "hot line" to get answers but remember to leave your name and telephone number so your call can be returned. The "hot line" is in operation 24 hours a day so your request is taped on a recorder and your call returned as soon as possible.

Tallying The Votes

As the ballots are received in Harrisburg, they will remain sealed and placed in a locked storage until the counting begins on May 24. Three tellers have been named to open and count the ballots and include Glen Ellenberger, retired Lehigh County Extension agent; James Fink, former state FFA advisor and Robert Stover, retired Production Credit manager from York County.

They will rule on the accuracy and completeness of each ballot as well as any challenges that may be made on the eligibility of a voter. Results of the referendum will be known about June 1 and if a majority of the ballots approve the program and they are producing over half the milk of all those voting, then the Milk Marketing Program will start 90 days later.

Provisions

If approved, ten cents a hundred will be contributed by all producers each month to fund a $9 million advertising and promotion program run by an Advisory Board of 20 producers nominated by milk marketing co-ops and non co-op shippers.

The program also requires that another referendum be held every five years to let farmers decide if they want to continue the program. In that vote, a two thirds approval is needed. Any changes in the program, including the amount of the contributions, must be approved by another referendum. Any other contributions by producers to other dairy promotion programs would be voluntary.

'82 Md. Angus Assn. field day at Wye

QUEENSTOWN, Md. — The 1982 Maryland Angus Association Field Day will be hosted by the University of Maryland Foundation, Inc., at the Wye Research Center near Queenstown, Maryland, (formerly Wye Plantation) on Sunday, July 25, 1982.

This date, recently announced by the Association, has been chosen to assist interested persons in attending both this event and the Pennsylvania Angus Association Field Day scheduled for July 24, 1982, near York, Pennsylvania, (approximately 100 miles from Queenstown, Maryland.)

Formal Field Day activities will begin with a covered dish social luncheon at 12:30 p.m. (provided by the members of the Maryland Angus Association.) Afternoon activities will include a judging and evaluation contest for young and old alike, including classes which will require combined use of both visual appraisal and performance information.

One of the highlights of the day will be a presentation by John Crouch, Director of Performance Programs of the American Angus Association. Crouch will review the use of breeding value ratios and other AHIR information in herd management and breeding decisions and provide insight into several new changes and innovations in the AHIR program.

University of Maryland staff members will review the ongoing research activities involving the Wye Angus herd with a special presentation by A. Morris Decker on pasture renovation and introduction of legumes. The day will culminate with a tour of the Wye Research Center and the Wye Angus herd.

For more information about this event, contact Dick Beck, program manager, P.O. Box 169, Queenstown, Maryland 21658, 301/827-6016.

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Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

March 1982

This reports all DHIA cows that have produced 750 lbs of butterfat or more in 305 days

OWNER NAME OR NO	AGE AT CALVING	DAYS IN MILK	LBS MILK	LBS. FAT
Y Run Dairy Farms				
Jody	3-5	305	22,187	760
Mapoval Farms Inc				
Rib	3-4	305	23,130	785
Bruce-Leslie Bresee				
Sid	3-7	305	19,441	765
Cupcake	3-5	268	17,731	753
Carmen	3-2	305	18,080	905
Orchid	3-2	305	17,668	787
Russell L Jones				
Leona	3 7	298	24,928	763
Roe Russell Jr				
386	3 8	305	19,500	843
451	3 6	305	19,747	881
494	3-4	305	21,081	857
511	3 3	305	20,015	964
Robert S Thomson				
20	3-4	305	22,331	787
Elwin Roberts				
Kim	3 4	305	20,724	897
Jeff & Karen Hale				
Barbara	3 7	305	24,527	833
Glen & Arlen Landis				
Irma	3 5	305	19,806	782
Sue	3 4	297	18,066	770
Stanley Saxton				
Ada	3-7	305	19,557	758
Marvin Berry				
57	3-6	305	19,135	810
Louis Sturdevant				
Gert	3 6	305	20,863	766
Robert & Anna Marie Cole				
Eve	3 7	305	21,538	795
Trudy	3-4	305	16 923	828
Max & Andy Dewing				
Lou	3 7	305	21,491	771
Sally	3 5	305	20,724	784
Milford Kinsman & Son				
Tic	3 7	305	24,141	1013
Springcroft Farm				
Butball	3-6	305	25,493	889
Elmer Comstock				
Maxine	3 10	305	21,770	752
Star	3-6	305	24,042	816
Claire	3-4	288	16,746	776
Karen	3-3	305	22,495	945
H W Russell & Sons				
9K	3 4	291	18,812	776
39G	3 3	305	18,793	758
Adrian Fisk				
Dotty	3 5	305	18,071	753
Tige R Luv Dairies				
115	3 5	302	21,460	792
Cragle Knolls				
56	3 7	305	18,426	754
Linda	3-6	305	16,344	760
Kenneth L Price				
2301	3-6	305	21,834	856
2329	3-4	305	21,584	1023
Bob & Tom Murray				
18	3 3	303	18,596	847
Raymond Hoppaugh				
Fran	3 6	305	20 857	761
Roy & Tim Beardslee				
19	3-9	305	20 924	873
Roof Farms				
Bold	3-6	305	24,541	954
Arlyn Wilbur				
Hershey	3 5	305	22 837	861
Arthur D Wolf				
48	3 4	305	19 789	760
Leona Holsteins				
Peaches	3 4	305	20,842	780
Kenneth Walters & Sons				
106	3 5	305	17,634	802
103	3 5	305	17 832	756
Earl J Gamble				
Elnora	3 8	305	19,601	799
Ponder Hill Farms				
Al	3 4	305	19 511	761
Jerry Pruyne				
20	3-4	305	16 290	757
Gary & Donna Ayres				
30	3 5	305	24,119	764
George W Lee				
Jena	3 3	305	18,770	755
Denise	3 3	305	19,990	794
Robert E Robinson				
Boss	3 7	305	19 586	772
Willie	3-6	305	20,589	804
Walt & Karen Wampole				
39	3 7	305	21,012	760
Abell Farms				
229	3 3	305	23,663	828

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Crude Fat	5%
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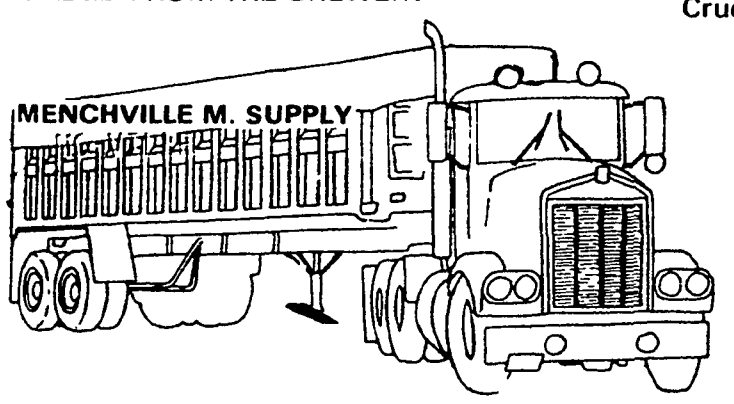

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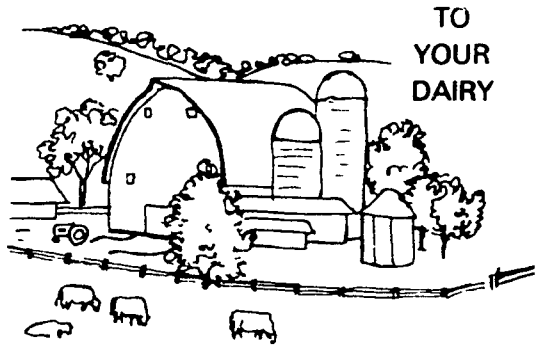

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Mifflin County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

March 1982
Herds 650 pounds fat & over

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	LBS FAT
P S&R Glenn Yoder	H	77 6	88 1	18,975	725
E Clair Fisher	H	42 3	90 2	18,607	714
James L Hostetter	H	44 6	91 8	18,269	704
Fred C Myers	H	23 1	89 9	16,888	694
Robert Stayrook	H	25 2	88 5	17,696	685
Mark S Yoder	H	83 5	87 1	17,046	683
John A Peachey	H	55 1	88 5	19,021	681
Bradstead Farm	H	35 9	92 4	18,176	680
Louis S Peachey, Jr	H	53 7	86 8	17,015	668
David R Spicher	H	69 6	90 0	17,548	666
John Y Bawel	H	16 4	92 3	17,259	661
Charles L Forgy	H	42 1	90 0	16,953	653
Peachee Farms	H	69 4	87 7	17,485	651
Dry House Farm	H	93 5	86 5	17,626	650

High Cows & Heifers 750 Lbs. & Over

OWNER NAME OR NUMBER	BREED	AGE	LBS. MILK	LBS. FAT
Peachee Farms Crystal	H	3 6	25,080	763
Irvin H Fleming Siesta	H	3 2	16,153	761
Willard J Peachey #128	H	6 11	17,376	768
Percy S&R Glenn Yoder Charlen	H	3 1	21,060	756
Leroy Kauffman Savilla	H	5 8	17,413	787
David R Spicher Althea	H	7 6	20,565	817
Fred C Myers Verna	H	7 2	18,944	768
Julia A King Iva	H	4 7	20,424	753
Mark S Yoder #441	H	4 3	16,844	837
Kore E Yoder #25	H	6 7	20,710	779
E Clair Fisher Litl Em	H	6 6	21,185	801
Gary Moist Josie	H	12 8	19,735	769
Louis S Peachey, Jr #67	H	4 5	19,605	782
Dry House Farm #390	H	3 3	18,763	755
David W Yoder #17	H	4 5	24,006	818
L Martin Yoder #14	H	4 8	19,588	751
Aquilla I Yoder #64	H	3 9	17,730	767

Clearfield DHIA
March 1982

Following are the Clearfield County herds producing over 650 pounds of butterfat on the March, 1982 DHIA rolling herd average/report

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS MILK	LBS FAT
Wriglesworth & Son	B3	51 8	85 7	18,796	706
Glenn Hicks	B3	55 1	89 1	18,917	691
A L Orner Sons	B3	66 4	87 0	17,576	678
John Sankey	3	31 0	87 7	17,704	652

Schuylkill County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

March 1982

The following herds are reported from the production report for March 1982 based on a 365 day Rolling Herd Average Only those herds with an average production of 650 pounds or more of butterfat are reported

OWNER	NO. COWS	LBS. MILK	LBS. FAT
Miller & Rex, Inc	32 2	19,003	765
Paul & Ken Wagner	58 2	18,632	688
Carl A Farms	60 3	18,613	669
Heisler Brothers	67 8	17,451	662
Suntrail Dairy Farm	48 5	17,683	659
Wilbert Moyer	36 2	17,504	652
Bruce Leatherman	61 6	17,546	651

Two cows finished lactation records with 750 lbs of milkfat in March The records are based on 305 days or less, 2x actual production

OWNER NAME or NUMBER	AGE	LBS. MILK	LBS FAT
Marlin L Lesher Liberty	4-9	20,730	881
Paul & Ken Wagner Avia	6 0	20,051	808

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Know the law about waste water disposal

UNIVERSITY PARK — Since an increasing number of dairy farmers install manure and wastewater disposal facilities, producers should familiarize themselves with the Pennsylvania Clean Streams Law.

Enforced by the state's Department of Environmental Resources, the law requires that a wastewater disposal permit be obtained prior to construction or installation of any type of waste-treatment facility that:

- will discharge wastewater to the surface or underground waters of the Commonwealth
- creates a potential danger of polluting the water
- may be necessary for effective control of a waste-management activity, even though it does not have a direct discharge.
- for an impounding pond designed to operate without discharging effluent into the waters of the Commonwealth, and the holding capacity does not exceed 250,000 gallons for a single pond or 500,000 gallons for two or more ponds in a single treatment system.
- for a sprinkler-irrigation system if the per-acre rate of application does not exceed 7,700 gallons per day or 54,000 gallons per week
- in situations where the DER rules that a permit is not necessary to insure the protection of the Commonwealth's water resources.

A registered professional engineer must submit the permit application which should include maps, drawings, plans and specifications. Application forms and instructions are available from the office of the DER regional sanitary engineer.

Milking-center wastewater discharged into a liquid-manure storage facility works well with most liquid and slurry management systems. However, this method is not compatible with semi-solid or bedded-pack manure management systems.

Discharging milking-center wastewater into a municipal sewer depends on the availability of municipal sewer service and charges for treating the waste. Generally, this technique will be limited to farms and processing facilities in suburban regions with available sewer lines when other disposal methods prove unsatisfactory.

Further information is contained in Special Circular 267 at your local Penn State Cooperative Extension office.

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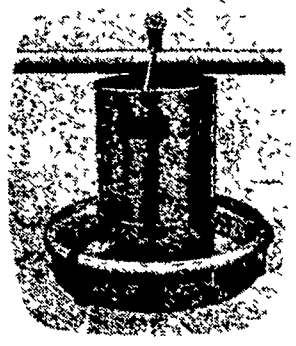

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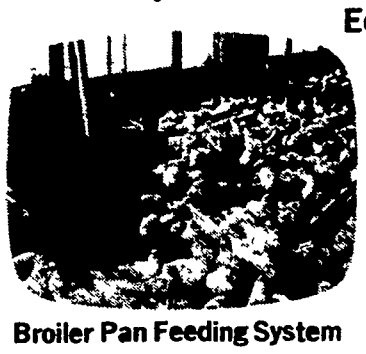

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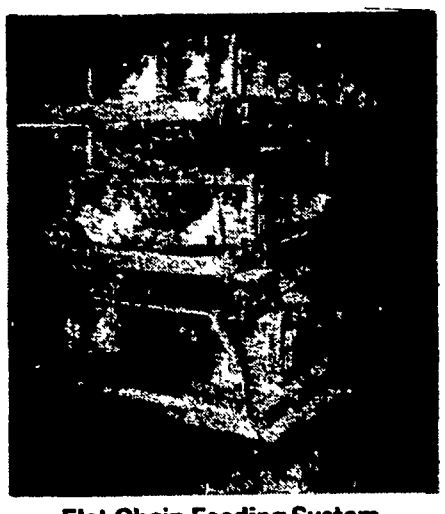

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Soil survey maps are neglected farm tools

NEWARK, Del. — Farmers are missing a good bet by not using soil survey maps along with soil tests when deciding how much lime and fertilizer to use, says University of Delaware Extension agronomist William H. Mitchell.

He's just finished a three-year evaluation of soil and tissue test information from 60 cornfields involved in a statewide irrigation program sponsored by the Delaware Cooperative Extension Service. A total of 7,000 acres were sampled—most of them located under center pivot systems. Results show a close correlation between soil type and fertility level.

"Given the soil type, many useful things about plant nutrients can be predicted with confidence," says Mitchell. "State soil survey maps provide valuable information concerning soil texture, drainage, and the general productivity of a field." Though the maps are no substitute for actual soil and tissue analyses, they can add greatly to the information provided by routine tests

"A big weakness in present soil and plant testing programs and the writing of lime and fertilizer recommendations may be the failure to make full use of soil survey maps," the agronomist says. He came to this conclusion after summarizing the results of both soil and corn leaf tissue from fields involved in the irrigation program. Among other things, samples were analyzed for organic matter content, pH, and levels of major and minor nutrients.

Soil samples were collected from the topsoil (0 to 8 inches) and subsoil (8 to 16 inch depth). Fields were classified as to soil type using Delaware soil survey maps which are available to all farmers. Samples were analyzed by a private diagnostic laboratory. Here are some of the findings.

The Matapeake soils of New Castle County contained 50 percent more potassium (K) in the plow layer (0-8 inches) than the sandier Evesboro soils of Sussex County. In the subsoil, K levels for the two soils were about the same. Corn growing on the Matapeake soil contained nearly 20 percent more K in ear leaves. "This shows that the plant level of K was strongly influenced by the amount of K in the plow layer," says Mitchell. "But it doesn't answer questions about the availability of subsoil K."

Levels of calcium and magnesium were 100 percent higher in Matapeake than in Evesboro soils, yet levels in corn leaves were slightly higher on the Evesboro soil.

The level of nitrogen (N) in corn ear leaves at silking is a strong indicator of yield. Corn growing on Matapeake soil averaged 3.75 percent N as compared to 3.1 percent and 3.2 percent for Evesboro and Sassafras soils. "The N level in corn growing on sandy soils remained low in spite of sidedressing and fertigation," Mitchell says. "This raises a question about the role of other nutrients on root absorption and plant use of nitrogen."

Sulfur (S), for example, plays a key role in nitrogen use. The levels and location of soil sulfur varied greatly with soil type. Approximately 85 percent of the S in Matapeake soils was found at the 8 to 16 inch depth, whereas it was equally divided between topsoil and subsoil in Evesboro samples.

Of greater importance, the Matapeake soils contained up to five times as much sulfur as the Sassafras and Evesboro types. In many cases the plow layer S in Matapeake soils was only slightly higher than that in Evesboro, yet the S level of ear leaves was considerably higher on the Matapeake. Mitchell says this is evidence that subsoil sulfur is available to corn plants and should be considered when developing fertilizer programs.

Looking at these findings, he feels farmers would benefit by making greater use of soil survey data on their fields.

"Identifying the soil type should be a first step in a soil testing program," he says. The fact that many fields contain two, three or even four soil types shouldn't be a stumbling block. All a grower needs to do is indicate on his soil test information sheet the dominant soil type or—if they're evenly divided—list them all.

The best thing about using soil maps is that there's no extra cost involved. They were made and paid for several years ago and are now available for the asking at county SCS offices. Mitchell feels these maps could become a valuable tool in tailoring fertility recommendations more closely to the needs of particular fields.

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Farmers put 'two-cents' into Crisis Bill

WASHINGTON, D.C. — Northern Iowa farmers had a hand in formulating some provisions of the Farm Crisis Act of 1982, according to Rep. Berkley Bedell (D-Ia.), a member of the Farm Crisis Group and co-author of the emergency farm legislation presented today.

Bedell, citing figures from the Congressional Budget Office, said the plan will actually reduce government farm program costs while at the same time provide a strong positive step toward "healing our ailing rural economy."

"We must get supply and demand into balance if farmers are to get decent prices for their crops," Bedell said.

"It is imperative that we recognize the magnitude of the farm problem, move forward to correct the deplorable state of our rural economy and bring some relief to our economically strapped family farmers," said Bedell, stressing that the low farm prices and high interest rates are crippling our rural economy on a nation-wide basis. "We believe we can do this without adding to federal budget outlays," Bedell said.

"I went back to Iowa, met with farmers from all across Northern Iowa and asked them what they thought should be done," said Bedell. Bedell frequently consults with farmers from his Sixth Congressional District by holding regular Farm Advisory Committee Meetings. Bedell has formed a non-partisan Farm Advisory Committee of local farmers for each of the 22 counties in his district.

"Some of the suggestions and ideas the farmers brought to me have been incorporated into the farm crisis legislation," continued the Northern Iowa Congressman. Bedell used the proposed 1983 set-aside program included in the Farm Crisis Act as an example.

Under the farm crisis legislation, the acres diverted by the proposed 1983 set-aside program would be calculated on a total crop-acres basis rather than the crop-specific method used under the current farm program.

"Undoubtedly, there will be some suggestions for improvement in this legislation as it moves through committee onto the floor," said Bedell, "however since the provisions in our legislation have been thoroughly discussed in previous subcommittee meetings and hearings, we hope this bill will be given prompt consideration by the full Agricultural Committee.

Major provisions in the Farm Crisis Act of 1982 include:

—Those who have already signed up to participate in the 1982 diversion program — feed grain, wheat, cotton and rice producers — would have the option of diverting another five percent of their acreage. They would be paid for this diversion. Diversoin payments would be calculated for corn farmers by normal production x acreage diverted x $1.25 per bushel.

—In July, a nation wide referendum would be held to determine if 15 percent of a farm's crop land will be laid aside for conservation purposes. If 55 percent of farmers approved the conservation set-aside, loan rates would be increased by 10 percent and any farmers not complying would be ineligible for all farm programs for three years, including price support loans, federal crop insurance, Farmers Home Loans and soil conservation assistance. The Secretary of Agriculture must establish a voluntary set-aside if the referendum is defeated. The voluntary set-aside would take effect when carry-over levels reached certain predetermined levels.

—An expression of the sense of the Congress woud be made that at least one billion dollars be available for the Agricultural Credit Revolving Fund and that immediate action be taken to begin negotiating multi-year trade agreements with the U.S.S.R.

—A White House Conference on Agriculture would be called.

—Government loan guarantees would be made available for on-farm storage facilities.

—Allocation of loan funds under the Economic Emergency Loan Program would be mandated and the program extended until Sept. 30, 1983, with a reduced loan size of $200,000.

Pa. farm fieldwork warming up

Editor's Note. This is the first in a series of weekly crop and weather roundups which will be issued during the 1982 crop season. Information in these reports is gathered through interview surveys with Pennsylvania farmers, and is compiled each Monday afternoon by the Pennsylvania Crop Reporting Service.

HARRISBURG — Pennsylvania's farm fieldwork was delayed somewhat for the 1982 season due to wet weather and below average temperatures, according to the Pennsylvania Crop Reporting Service.

Drier weather in April has allowed some farmers to make up for lost time but many are still a week or two behind schedule. Statewide soil moisture was rated mostly adequate.

Four days during the week ending May 2 were suitable for farm fieldwork. Fieldwork during the week included plowing, discing, harrowing, spraying, spreading manure, fixing fences, and planting corn, oats, potatoes, tobacco and alfalfa.

At 51 percent complete, statewide spring plowing is approximately two weeks behind last year, when 71 percent was completed. Plowing is rated at 47 percent complete in the north, 51 percent in the central region, and 54 percent complete in the southern region.

Below freezing temperatures at mid-week caused some frost damage to fruit orchards in the northern and central regions, but it is expected to be light. Peaches are reported at 43 percent in pink stage and 20 percent in full bloom or past. Cherries are reported as 43 percent in pink stage and 16 percent in full bloom or past, while apples are reported as 28 percent in pink stage and 12 percent in full bloom or past.

Corn is five percent planted in the Commonwealth compared with 14 percent last year. Less than five percent of the corn crop is planted in the northern and central regions, while seven percent of the crop is planted in the southern region.

Planting of potatoes is 40 percent complete statewide, only slightly behind last year at this time when 43 percent was planted. The northern region reported 18 percent planted, the central region 43 percent planted, and the southern region 54 percent planted.

Oats are 60 percent sown compared with 76 percent at this time last year. In the north 50 percent of the crop is sown, while 63 percent is sown in the central and southern regions.

Statewide, virtually all of the barley and wheat is still in the pre-boot stage except the central region where six percent of the barley crop was reported in boot. At this time last year eight percent of the barley crop was in boot, and six percent of the wheat crop was in boot.

Both alfalfa and clover-timothy stands statewide are in mostly good to fair condition. The amount of feed obtained from pasture was rated below average by 53 percent of our reporters and average by 47 percent.

Wayne Co. offers shearing school

HONESDALE — A sheep shearing school sponsored by the Wayne County Extension Service will be held at the Wayne County Fairgrounds Tuesday and Wednesday, May 18 and 19.

The session intended for sheep producers begins at 9:00 a.m. and concludes at 4 p.m. both days. A $10 registration fee will be charged.

Any sheep producer interested in bringing sheep to be shorn at the school, or individuals desiring to attend the school are asked to contact the Wayne County Extension Office at 717-253-5970 ext 114 to register or for more information.

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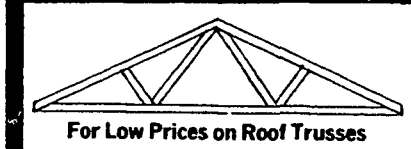

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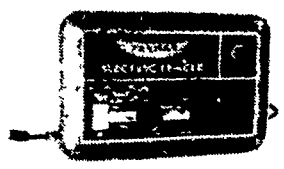

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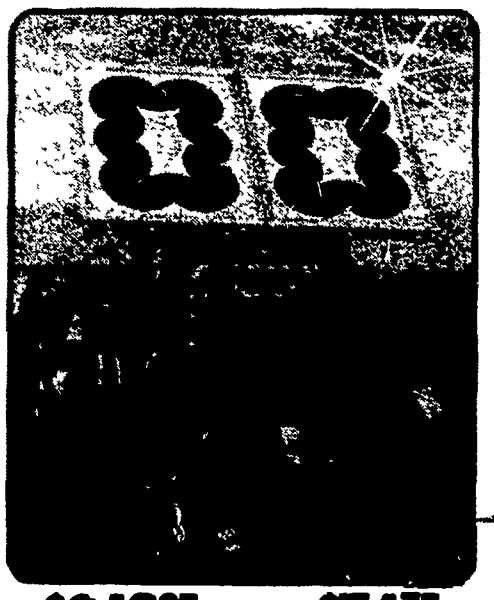

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Farming's Futures

By David K. Sauder
Commodity Advisor
Trade Tech, Lancaster

This week we continue the alphabetical list of common terms in the futures industry and the definitions for those terms.

* **Life of Contract** - Period between the beginning of trading in a particular futures and the expiration of trading in the delivery month.

* **Liquid Market** - A market where selling and buying can be accomplished with ease, due to the presence of a large number of interested buyers and sellers willing and able to trade substantial quantities at small price differences.

* **Long** - As a noun, one who has bought futures contracts or the cash commodity (depending upon the market under discussion) and has not yet offset that position. As a verb (going long), the action of taking a position in which one has bought futures contracts (or the cash commodity), without taking the offseting action. For example, if you had no position and you bought five contracts, you would be "long". However, if your previous position was one of having sold five contracts, (i.e. "being short five"), and you then bought five contracts to offset the position, your second action would not be referred to as "going long" because your position when the second action is concluded would be zero. "Long" also is used with similar meanings as an adjective or adverb.

* **Margin** - An amount of money deposited by both buyers and sellers of futures contracts to ensure performance of the terms of the contract (the delivery or taking of delivery of the commodity or the cancellation of the position by a subsequent offsetting trade). Margin in the commodities is not a payment of equity or down payment on the commodity itself but rather is a performance bond or security deposit

* **Margin Call** - A call from a clearinghouse to a clearing member, or from a brokerage firm to a customer, to bring margin deposits up to a required minimum level.

* **Offer** - An indication of willingness to sell at a given price, opposite of "bid".

* **Open Interest** - The total number of futures contracts of a given commodity that have not yet been offset by opposite futures tranactions nor fulfilled by delivery of the commodity; the total number of open transactions Each open transaction has a buyer and a seller, but for calculation of open interest, only one side of the contract is counted.

* **Open Outcry** - Method of public auction for making verbal bids and offers in the trading pits or rings of commodity exchanges

* **Registered Commodity Representative (RCR)** - An individual who is registered with the exchange(s) and the CFTC to solicit and handle commodity customer business for his firm

Send your questions about futures trading to Farming's Futures, Lancaster Farming Newspaper, Box 366, Lititz, PA 17543.

Grass-lined waterways cure gullies

LEESPORT — The grass-lined waterway is one of the basic conservation practices used to carry surplus water over land to drainage ditches or streams according to Roy Shryock, conservation technician of the U S Soil Conservation in Berks Co

During and after recent rain storms, ditches, gullies or rills down field slopes are good signs of a need for a system to safely dispose of the excess rainfall which the soil cannot absorb. Waterways can be a part of the system to safely discharge this runoff reducing silt and pollution to downstream areas, says Shryock.

"A good vegetated waterway is the beginning of a good conservation treatment for the entire watershed," he adds. Waterways provide safe disposal of runoff from diversions, terraces, road ditches and other natural draws.

The most common shape for waterway construction is parabolic or saucer shaped. This allows water to spread out and slow down, giving grass plants with a good root system a chance to hold soil in place. Where prolonged flows of water and steep slopes prevail a stone center may have to be layed in place. Subsurface drains can also be installed to help keep a good grass cover, notes Shryock.

Liming and proper fertilization of waterways are an essential part of maintenance, he explains Good sod forming grasses are necessary for a permanent cover Kentucky 31 tall fescue, perennial ryegrass and reed canarygrass are some of the desirable species of grass cover Multiple uses for these grasses include hay or green chop which can be used as supplemental feed for livestock

Farms, homesteads, housing developments, and industrial sites can all benefit from waterways being properly planned, installed and maintained reducing silt and polution to areas below

For assistance in establishing a grassed waterway contact the local Soil Conservation office

Switch from no-till to plow is "hazardous" to soil's health

WESTMINSTER, Md — Farmers switching from no-till to minimum tillage or moldboard plowing this spring should not sacrifice long-term soil conservation benefits for short-term economics, says Jack Sanders, district conservationist for the U.S Soil Conservation Service.

We've noticed an increase in clean-tilled and minimum-tilled fields in Carroll County for the first time in several years," says Sanders. He attributes the decline in no-till farming to the high price of chemicals and many farmers' desire for better weed control

"If weed control is the goal," says Sanders, "tilling once every three or four years is usually enough. In that case it should be done in a planned sequence."

As for cost, the amount of fuel saved with no-till can offset the cost of chemicals. In addition, no-till keeps soil and fertilizers from washing away. It also conserves moisture for better plant growth and higher yields.

For farmers who feel they must till, Sanders has the following advice for minimizing the risk of erosion:

- Use a chisel plow or heavy disking rather than a moldboard plow It will get rid of the weeds while leaving some vegetative protection for the soil.
- Till on the contour and alternate strips of row crops with hay.
- Use tillage in a planned sequence. This means tilling a whole field once every three or four years. Or even better, where a whole field is planted in one crop such as corn, alternate bands of tilled corn with bands of no-tilled corn, planted on the contour. The bands of tilled and no-tilled corn should be rotated systematically over several years.
- Maintain good grass waterways to prevent gullies from forming in natural drainageways

For more information or help with soil and water conservation problems, contact local SCS office

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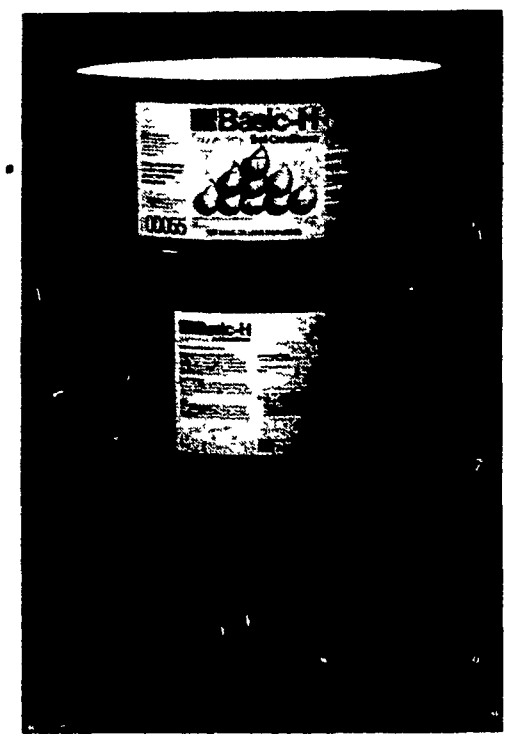

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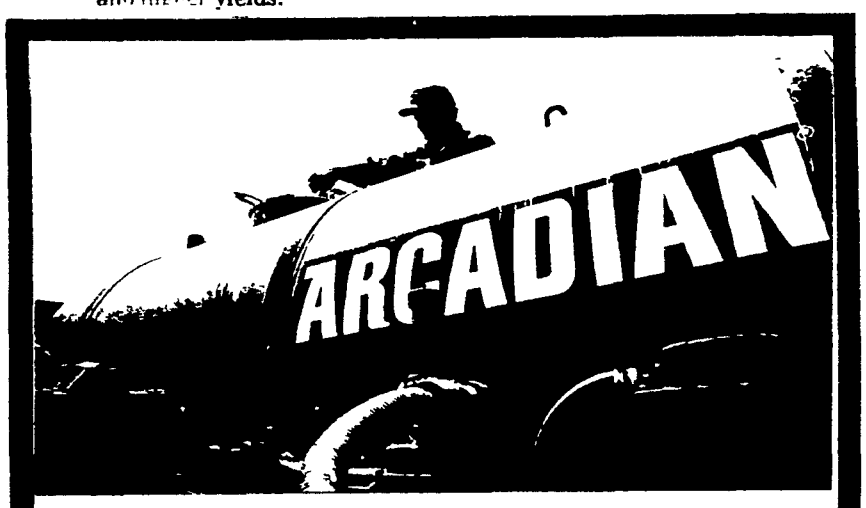

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Researchers use antibodies for sexing sperm

NORWALK, Ct. — During calving season, the issue of sex determination in beef and dairy cattle is at the forefront of farmers' minds. Although advances in artificial insemination have made it possible for rapid improvement in the quality of a herd, the economic liability of uncontrolled sex determination has gone unchecked.

However, according to a new 304-page study just released by International Resource Development Inc., a market research and management consulting firm in Norwalk, Ct., recent developments in biotechnology will permit accurate selection of the sex of livestock before fertilization in the near future.

The latest advance in contemporary molecular genetics into agriculture is called monoclonal antibodies. These singularly specific, mass produced antibodies can be used to identify proteins on the surface of male sperm thus permitting the separation of male and female determinants.

"Incorporation of this strategy into conventional artificial insemination programs is of tremendous economic significance to the dairy and beef cattle industry," says Edward O Lanphier II, Director of Biotechnology Research at IRD.

"While these programs are still in the research and development stages," continues Lanphier, "availability to breeders and companies storing semen is not expected until the next few years"

The unique specificity offered by monoclonal antibodies initially attracted attention in human health care circles. However, advances in large scale production have opened up several new possibilities in animal health care.

"Development of diagnostic test kits for cattle scours is one of the likely products for initial incorporation of monoclonals in agriculture," says Lanphier. "Although the current diagnostic market in animal health care is largely centered around small animals, cost-effective monoclonal tests are expected to substantially impact diagnostics in economically productive animals". Lanphier points out this may be particularly significant in dairy cattle where antibiotic treatment temporarily removes the animal from production.

Longer term applications are expected to utilize monoclonal antibodies to directly treat an animal. Through injection or feed, an animal can receive antibodies specific to a given pathogen, thus augmenting the animal's own immune system.

"There are a few technical hurdles to clear before passive immunity is a reality but the economic consequences of this approach are very exciting," says Lanphier The use of these antibodies could dramatically displace the use of broad spectrum antibiotics and the economic stumbling blocks associated with that treatment.

The vast majority of companies currently pursuing such programs focuses on human diagnostic and therapeutic markets. As with many veterinary programs, development of products specific for animal health care will probably lag behind advances in human health care.

Monoclonal antibodies are currently available in a handful of human diagnostic tests, specifically to detect pregnancy, assess iron body stores, PAP and human IgE which is associated with allergies. Several other tests for a wide variety of illnesses and hormonal changes will be introduced in 1982 and even more in 1983.

"However," according to Lanphier, "the major push is to develop therapeutic products which can be used to treat cancer and other autoimmune diseases".

USDA issue loan, purchase rates for '82 corn, sorghum

WASHINGTON, May 3 — County loan and purchase rates for 1982-crop corn an sorghum grading No. 2 or better were issued last Monday by the U.S. Department of Agriculture.

Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service, said the county loan and purchase rates are based on the national average loan and purchase rates of $2.55 per bushel for corn and $4.32 per hundredweight for sorghum announced earlier. The 1982 national rate for corn is 15 cents per bushel above the 1981 level and this year's national sorghum rate is 25 cents per hundredweight higher than the previous year.

For corn, the area-to-area relationships, prices received by farmers and trends in production require adjustments of some state and county rates.

These changes include increasing Alabama, Arkansas, Delaware, Kansas, Kentucky, Louisiana, Maryland, Mississippi, New Jersey, Tennessee and Virginia 2 cents per bushel over the 15-cent rate for a net increase of 17 cents per bushel.

Florida, Georgia, New York, North Carolina, Oklahoma, Pennsylvania, South Carolina, Texas and West Virginia are each increased 3 cents per bushel for a net increase of 18 cents per bushel.

Michigan, Minnesota, South Dakota and Wisconsin, were decreased 2 cents which resulted in a net increase of 13 cents per bushel.

No change was made in the schedule of premiums and discounts.

For sorghum, in addition to the initial 25 cents per hundredweight increase, all counties in Arizona, California and New Mexico were increased another three cents and Oklahoma and Texas were increased two cents.

Nebraska was decreased three cents and Missouri was decreased two cents. These adjustments were made to reflect the trends in production and prices received by farmers.

Also, the schedule of discounts has been adjusted and increased for sorghum discounted on the basis of test weight.

Copies of the rates issued today are being sent to ASCS state offices and are available from the cotton, grain, and rice price support division, USDA-ASCS, P.O. Box 2415, Washington, D.C. 20013.

Chester Co. announces milk promotion

WEST CHESTER — The Chester County Milk Promotion Committee announced it's Spring milk promotional to be held the week of May 24 at the Exton Square Mall. The purpose of this week is to increase public awareness of the dairy industry in the county and state.

Throughout the week, exhibits on dairy industry facts, milk nutritional quality and recipes will be available for public viewing. "Milky", the mechanical cow, will be on display Friday and Saturday as part of an educational exhibit to teach the pathway by which milk is made. The highlight of the week will be the Dairy Princess Contest to be held Saturday, May 29 in the Children's Court of the Mall.

Charlene Rohrer of Oxford was last year's Chester County Dairy Princess and still reigns as the Pennsylvania State Princess. She will be on hand at selected times to discuss the dairy industry. Also, past as well as prospective Chester County Princesses will be manning the display showing support for the industry.

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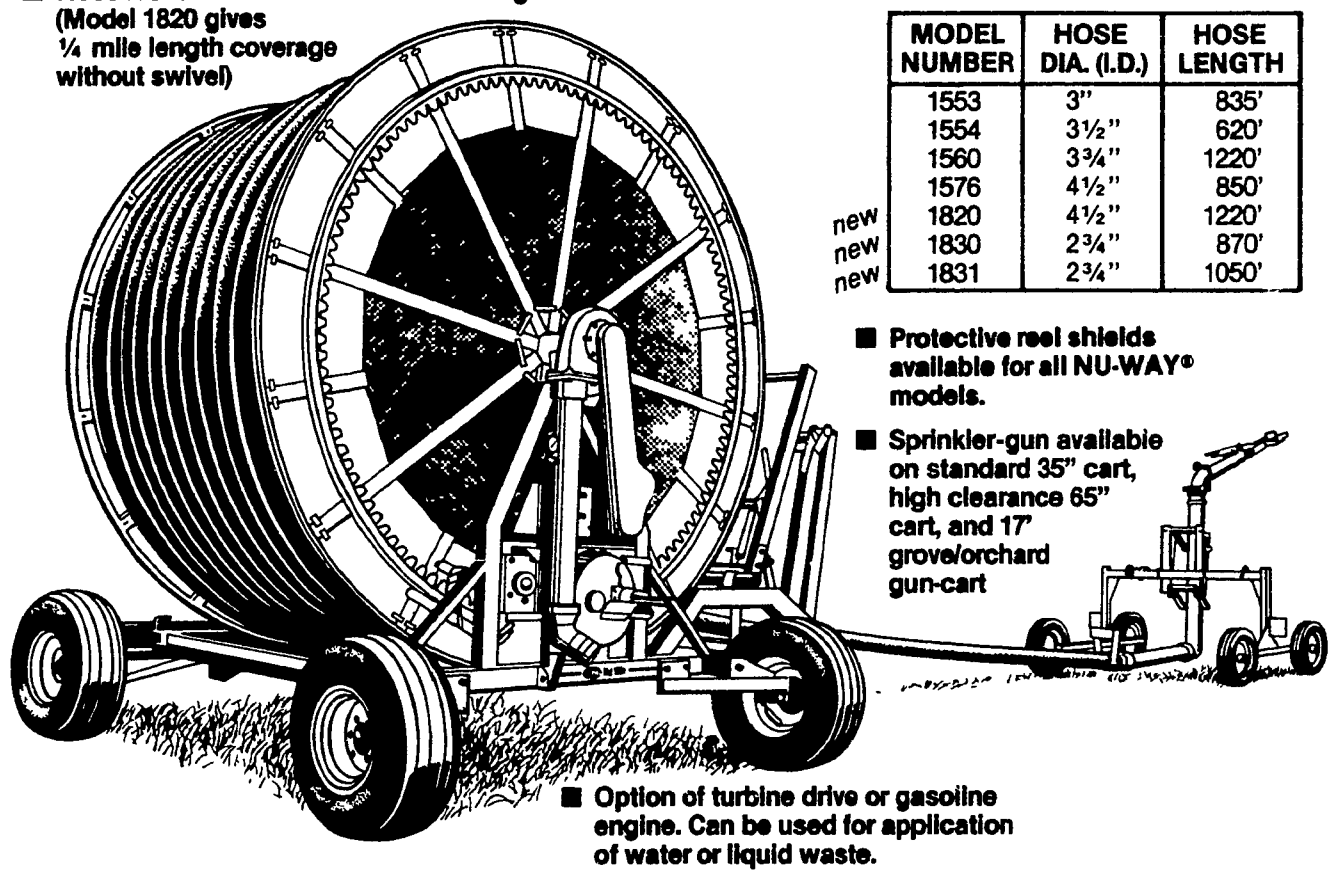

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Thomas Goodheer is a Perry "Dutchman"

BY BETH HEMMINGER
Staff Correspondent

Perry County's Thomas Goodheer is a Pennsylvania "Dutchman" in every sense of the word This German-born hog producer was raised in Holland for eleven years before making his home on a farm in Blain, near the heart of Pennsylvania's "Dutch" country.

Goodheer's life and love for farming began in 1959 shortly after his mother made a daring escape from East to West Berlin during the construction of the city's famous "Wall." But Goodheer was not to know his natural mother who, he later found out, made her living as a farmer, for soon after his birth he was placed in an adoption agency

There, the young boy with curly-blond hair and blue eyes was an irresistible sight for two United States missionaries who were living and working in Holland. The Goodheers adopted Thomas and took him to live with them near the Netherland's seat of government, The Hague, where he lived for eleven years.

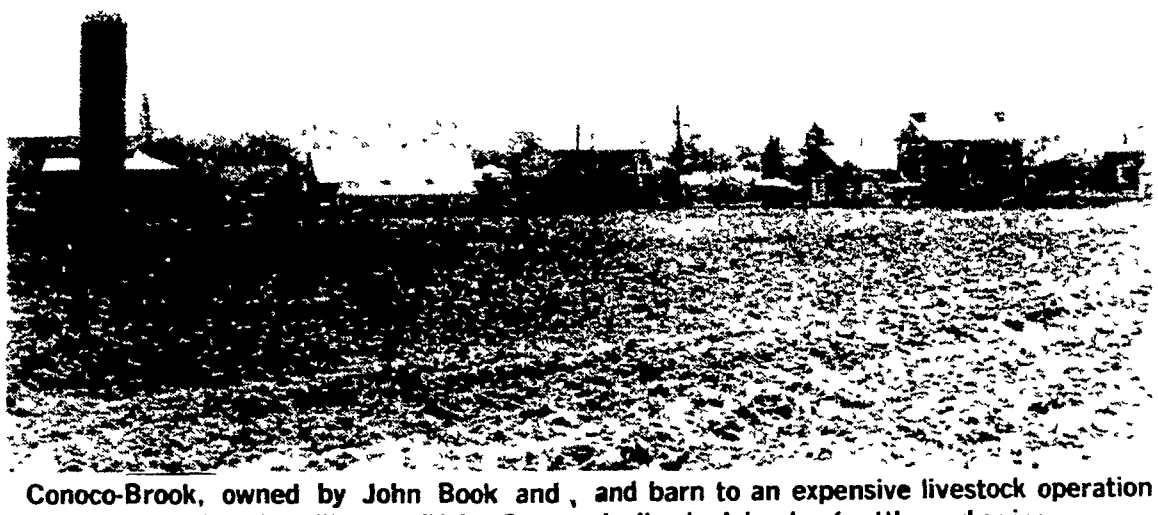
The Goodsheers, first generation Americans, were quite at home in the Netherlands, a country twice the size of New Jersey bordering the North Sea with West Germany as its eastern neighbor and Belgium on its southern side. It was young Thomas' adopted grandfather who, many years before, had made the venture from his native Holland to the United States in search of a brighter future As a young man he made the trans-Atlantic trip and settled in New Jersey

After their 11-year stay in the Netherlands, the missionary family returned to the United States and settled in West Chester, Pennsylvania. That was when young Thomas got his first glimpse of a full-fledged dairy farm He recalled how living near The Hague, a metropolitan area, left little opportunity for him to see the farmer's life in Holland Consequently, he was intrigued by the dairy operation and the gigantic machinery used by a neighboring farmer

"It didn't take long until I was hanging around the farm across the road and then finally I got a job there doing odd things in the summer and after school," he remembered

Thomas' childhood fascination for farming blossomed during his college years His love of the agrarian way of life became intertwined with his love for a fellow student at Northeastern Christian Junior College

(Turn to Page D30)



Conoco-Brook, owned by John Book and family, is nestled in the village of Blain. Over the years, the farm has grown from a house and barn to an expensive livestock operation dealing in dairy, beef cattle, and swine.

Being born in West Germany and raised in Holland gives Thomas Goodheer an appropriate title of Pennsylvania Dutchman. The young hog producer, now a U.S. citizen living in Perry County, says he likes "best" his life on Conoco-Brook Livestock Farm, where he lives with his wife and in-laws.

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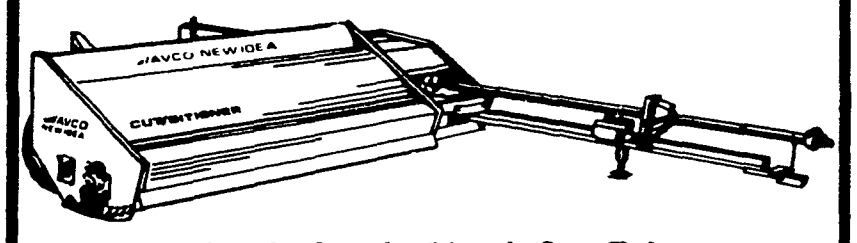

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Thomas Goodheer

(Continued from Page D29)

Soon Thomas was no longer missing his summers on the neighboring West Chester farm -- instead he turned his affections to Carolyn Book As the young couple began spending more time together, they often visited Carolyn's parents' farm in Blain.

"During those two years at college and dating Carolyn, my interests in farming grew stronger and stronger. And that was when I knew I wanted to farm for my livelihood," Thomas said.

After graduation from college in 1979, Thomas was invited by Carolyn's father, John Book, to work on his farm.

"After I gave farming a trial run, I knew that was exactly what I wanted to do," Thomas explained. His flirtations with farming became serious, and soon Thomas had made the decision to stay on at the Book farm — not merely as a workhand, but as a family member Carolyn and Thomas were married and the Goodheers became part of the Book's Conoco-Brook Livestock Farm.

Conoco-Brook is nestled in the village of Blain and is a multifaceted operation of dairy, beef, and hogs Forty head of registered and grade Holsteins make up the milking string, while an equal amount of Angus and Hereford beef cattle and more than 200 hogs are fattened at the farm. Along with the livestock operation, Conoco-Brook grows several acres of potatoes for local restaurants and handles the dealership for Funk's seed corn.

Keeping this mini-conglomerate operating smoothly requires a sharp definition of responsibilities among its family members.

Mr. and Mrs. John Book handle the milking and calf-raising chores while their son Wilford is in charge of feeding the cows and heifers. Thomas has "custody" of the hogs and steer feeding responsibilities, and also makes sure there is enough feed for all the other livestock enterprises on the farm.

"We each have our special jobs, but we all work together to get it all done," Thomas remarked.

The Perry County "Dutchman" admitted he enjoys the hog operation the most and keeps a special watch over it. The farm's purebred and crossbred Yorkshire hogs are raised in a farrowing house that was designed by Penn State about eight years ago, and Thomas has seen the need to keep up with the times.

Seeking help with renovation ideas, Thomas and his father-in-law have called on Pennfield Feed Company for assistance.

"We are looking for high efficiency and low costs, and with Pennfield's assistance we're converting the old farrowing house into farrowing crates, a nursery, and breeding pens," Thomas explained.

Once the remodeling is completed, the sows will be farrowing in a room that can handle sows in individual crates This, said Thomas, will lessen pig losses during the critical first few weeks of life

"We will have a continual cycle of sows having pigs which will keep the fattening barn full and increase profits," remarked Thomas

In the proposed system, the pigs will spend three weeks with the sow in the crates before moving to full confinement in the fattening building. This fattening building will be a new addition at Conoco-Brook and will speed up the fattening process, said Thomas

"It should increase our pound of gain per pound of grain ration with our high protein feed of soybeans, ground ear corn and alfalfa hay. We are also confident that the renovations will increase the average pig per litter from seven to eleven or twelve," he said.

Sharing his philosophy on farming, Thomas stated "Most farmers can succeed in the hog business but you have to be efficient with little or no waste. Keep the pigs alive and healthy the first weeks after birth Get the most out of every ounce of grain in the fattening process and your operation will reap the profits."

Thomas has been working at Conoco-Brook Farm for the past 3½ years and says he's enjoyed every minute He also expresses a deep admiration for his father-in-law for succeeding in building a diversified operation from scratch.

"I am impressed with the farm's growth. It is a first-generation farm started by Mr. and Mrs Book with a few cattle, a house and a barn," he said.

Now, Conoco-Brook Farm encompasses several acres of land just for the buildings, the beef barn, farrowing building, confinement and fattening building, utility sheds, storage sheds and a huge barn. A total of 300 acres of farmland (of which 160 are owned) are tilled to produce the feed for the livestock operation

"Mr Book could have never imagined having a farm of this size and grandeur if he lived in Holland," Thomas added. "That is why I am glad I live in the United States."

Thomas was able to return for a visit to Holland, and found that his childhood memories were not scarred by modernization despite the lapse of time.

"All the roads, buildings, homes, shops and people seemed to stay the same. And everything looked so small compared to the eyes of that eleven-year-old boy that left Holland so long ago," Thomas said

"During that short visit, my Dutch began to return as did many memories of my days playing at my home in The Hague. However, I truly realize how fortunate I am to be part of both worlds, experiencing the life of my own nationality in Holland and Europe and having the privilege of being a naturalized citizen of the United States. And, enjoying the freedoms of space and my life on Conoco-Brook Farm."

Milestone daughter tops N.J. sale

HARMONY, N J -- A Poverty-Hollow Milestone daughter sold for $2,800 to top the recent New Jersey Calf and Bred Holstein Sale at the Warren County Fairgrounds

Detchton Farms of Bullville, N Y finished with high bid on Marlu Milestone Sadie-OC Consigned by Fred Lorenzo of Belvidere, N J., the bred heifer is out of a Very Good Arlinda Chief with records to 27,270 pounds of milk and 798 pounds of fat The heifer is due next month to Glen Valley Star

In all, 68 head of calves and bred heifers averaged $1,066 for a gross of $72,500. Treasurer for the New Jersey Holstein Association Genie Francisco noted that 15 animals went out-of-state.

Robert Connolly paid $2,600 for an Astro Galaxy daughter bred to Fury Ivan. Fabholm Astro Sadie, is out of a Very Good Ormsby Senator Dollar daughter and was consigned by Sterling Fabian of Bethlehem.

A 9-month-old Jet Stream daughter brought a $2,600 bid from California breeders Jerry and Corry Dekoyer of Lodi. Mars Haven Jets Jay is out of a Very Good Arlinda Commander and was consigned by M.A. Rudderow and Sons of Mt Laurel, N.J.

Another Jet Stream daughter pulled down a $2,500 bid from Sherburne Holstein Partners of Sherburne, N.Y Glenfalls Jet Stream Samantha is out of a Very Good Elevation The yearling heifer was consigned by Glen Falls Dairy of Lafayette, N J.

Guy Baggerly of Flemington, N J paid $2,500 for Tranquility Milestone Amanda. The 2-year-old Milestone daughter was consigned by Freeborn Brothers of Allamuchy, N.J. The heifer is out of a Very Good Woodbine Ivanhoe Dandy daughter with a lifetime record of more than 122,000 pounds of milk.

Tri-State replacement ewe sale June 5

KNOXVILLE, Md. — The Annual Tri-State Replacement Ewe Sale will be held on Saturday, June 5 here at the Merry Peep O'Day Farm. And, once again, an integral part of the event will be a management workshop conducted by several top sheep producers and specialists.

The workshop, which will feature something for the beginning as well as experienced sheep producer, will include: Barbara Glenn of Lanham, Md. discussing sheep nutrition at 10 a.m.; Jonathan May of Timberville, Va. speaking on general health practices at 10:30 a.m.; Florence Hall of Keymar, Md. covering wool evaluation at 11 a.m.; Rick Lund of Great Britain speaking on general management practices at 11:30 a.m.; and Jim Prigel of Knoxville, Md. discussing electric fencing techniques at 12 noon.

Barbara Glenn has her doctorate in Ruminant Nutrition, Animal Sciences and has done extensive research at the University of Kentucky in protein levels and forage utilization by sheep and lambs. Barbara not only emphasizes what's best for the sheep but also what's most economical for the producer.

Jonathan May runs a commercial flock that numbers close to 2000 ewes and has to practice good preventive health management to keep losses at a minimum. In addition, he can give an insight into what drugs work best for him in cases of bacterial and disease outbreaks.

Florence Hall is a nationally known wool sheep judge and a director of the Natural Colored Wool Growers Association. Now that she and her husband have retired from their role as active shepherds, they can devote more time to promoting sheep and in particular, to improving wool quality and marketing.

Rick Lund hails from the Welsh border of Great Britain where he worked on sheep and cattle farms. He's presently the shepherd for about 1,500 commercial ewes in Baltimore County, MD. Rick has a casual way of making sheep handling look easy. He'll demonstrate the methods available for castrating, docking and giving injections. He'll also demonstrate how to age ewes by mouthing and how to condition score sheep.

Jim Prigel uses all electric fencing for his flock of 200 ewes. he will share with the participants mistakes he's made, what he's tried and that works best and cheapest for him, including his intensive grazing techniques.

Ewes of varied breeding such as, Suffolk, Dorset, Hampshire, Rambouillet, and Finn crosses are among those being sold. A few natural colored wool sheep will also be offered. The sale catalog provides information on the ewes' birth, parentage, and lambing records with emphasis on prolificacy.

A select number of producers have again been invited to consign sheep from the Tri-State area of Maryland, Virginia and West Virginia.

More information or a sale catalog for the sheep auction that begins at 1 p.m. on June 5, call 301/834-9711 or 301/834-8118.

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Conditions unfavorable for late Indian winter harvest

WASHINGTON, D.C. — Above-normal rains in northern India created unfavorable conditions for the late winter grain harvest, according to a weekly report issued last week by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture. Crop planting and development is on schedule in most other global agricultural regions.

Highlights of the report follow.

— **United States.** Seasonal, warm temperatures prevailed over much of the country except for areas of significant cloudiness and rain from the central Great Plains to Texas and east to the Carolinas. Rain was beneficial to much of the southwestern winter grain belt, but wet fields delayed planting over much of the Southeast. Field work proceeded in good weather in the West, northern Great Plains, Great Lakes and New England states.

— **USSR.** Wet weather and seasonal temperatures aided winter grains in most areas. The crop is probably at the early jointing stage in the southern Ukraine and North Caucasus with early vegetative growth taking place elsewhere. Corn and sunflowers reportedly are being planted in the southern Ukraine and North Caucasus with spring field work occurring as far north as Volga Vyatsk.

— **Europe.** Generally dry weather over England, France and most of northern Italy reduced topsoil moisture needed for both the early growth of winter grains and good germination of spring-sown crops. In southern Spain, the crop appears to be in good condition despite recent dryness. However, more rain is needed in northern Spain where the outlook is somewhat pessimistic. In contrast, wet weather continued over southeastern Europe and conditions improved for winter grains in southern Poland.

— **Canada.** Light showers fell on the wheat belt of the Paririe Provinces, while mild weather permitted active field preparation and early sowing in southern crop areas.

— **Mexico.** Heavy rains over most of the east coast boosted growth of grains, citrus and sugarcane while lighter amounts further south benefited coffee. Dryness over the southern Plateau continued to stress the young corn crop.

— **South America.** Crop harvests made good progress in Argentina and Brazil despite some midweek rainfall in Cordoba, southern Buenos Aires and southern Brazil. Brazilian soybean harvest are entering the late stages, and early wheat planting is underway. Dry weather in Sao Paulo and Minas Gerais aided citrus and early coffee harvests.

— **Australia.** Beneficial rain fell on eastern crop areas while light showers fell in Western Australia. Additional moisture will be needed for wheat planting.

— **Northwestern Africa.** Substantial rain benefited Moroccan winter grains which were in the filling period. Generally light rain along Algeria's crop areas aided maturing crops Unusually heavy rain fell in the interior of northern Algeria, mostly on rough grazing land.

— **South Asia.** Persistent premonsoon showers produced much above-normal rainfall over northern India, creating extremely unfavorable conditions for the late winter grain harvest. Wet weather also occurred from the southern Peninsula northeast through the east coastal interior into Bangladesh.

— **Southeast Asia.** Scattered showers fell on eastern Thailand with heavier amounts recorded over the southern peninsula areas The wet season rice crop will be planted as soon as significant monsoon rains begin in the crop areas

Keep microwave out of herbarium

COLLEGE PARK, Md. — Many herbarium curators use microwave ovens to destroy insect pests found in pressed plant research specimens.

While it is important to get rid of the pests — they'll eat the dry specimens — a microwave may also destroy the ability of seeds on the specimens to sprout, according to Steven R. Hill, curator of the University of Maryland's Herbarium.

If the pressed plant specimens are rare or available only through expensive jaunts to other corners of the world, destroying their seeds could be calamitous, he says.

"The use of microwave radiation can elimnate a valuable source of information about plants," says Hill.

PUBLIC AUCTION

SATURDAY MAY 22, 1982

10:00 A.M.

ANTIQUES - 1981 SCHULT MOBILE HOME - 1975 BUICK ESTATE WAGON - TRACTOR - GUNS - COINS

Pottstown, Pa.

Directions - 1 mile South of Rt. 100 and 23 intersection; turn left on Pughtown Rd., and watch for signs. In Chester County.

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A Contractors and Handymans Haven - Cured 1"x12" Ash planks, various window frames, doors, 2-250 gal gas tanks with pumps, 3 wheelbarrows, 12 pump jacks, 3-5'x5' metal bucks, 2 Milwaukee Heavy Duty Rotary Hammers plus 1 3/4 rotary and 1 Hammerdrill, 1 Anchor kit., Iron wheel, electric gas pot heaters, 10" Rockwell & Craftsman overhead saws, bikes, skis, skates, sprayers, picnic tables, chains, screw floor jacks, molding, chairs, umbrellas, fans, various garden and carpenters tools, plus much more.

ANTIQUES - Buggy seat, church pews from Pewling chapel, 2 copper tea pots one finely engraved, School bell from the Murry School of Nantmeal Village, Parlor stove, crocks, 2 mantels one from the year 1780, Chestnut and Oak Washstands, Dovetailed cradle and blanket chest, spool rope bed, nursing rocker and others, pressed back and cane bottom chairs - some picture frames and prints, Mahogany wash stands, oak tables and stands, kitchen gadgets and many more fine items.

Special Note: Mobile Home, Car, and Tractor to be sold at 1 p.m.

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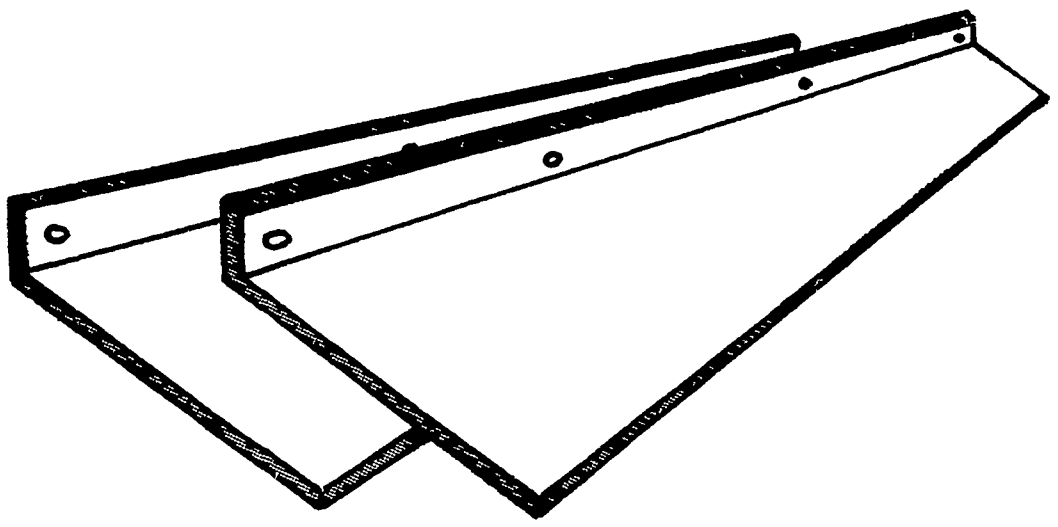

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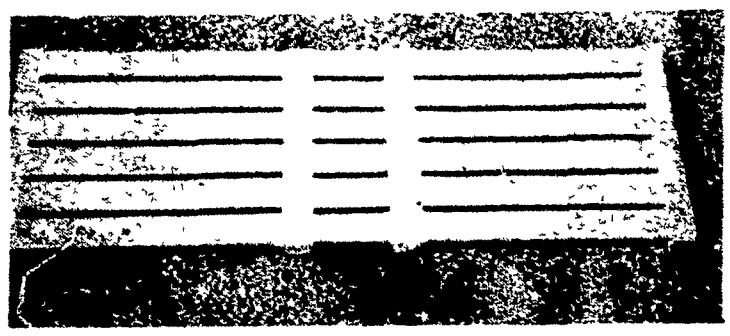

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Delano "most influential"

PARK RIDGE, Ill. — In its ninth annual survey on "Who Runs America", the national news magazine U.S. News and World Report finds American Farm Bureau Federation President Robert Delano "most influential" of non-government agricultural leaders.

For Delano, in Washington to brief members of the House Foreign Relations and Agriculture Committees on Farm Bureau's recent trade mission to Japan, it was the second year in a row he has been so designated. The survey solicits top national opinion-makers to rank leadership in a dozen major fields on the basis of national influence.

U.S. Secretary of Agriculture John R. Block and Delano topped the overall list which combines both government and private industry leaders. Senator Robert Dole of Kansas was also named.

Delano is a producer of wheat, corn and soybeans on his 400 acre farm near Warsaw, Virginia, and serves on the U.S. Advisory Committee for Trade Negotiations, a trade policy committee that reports directly to the President.

He is serving his second term as president of the three million member-family American Farm Bureau Federation.

Small share to farmer

COLUMBIA, Mo. — Farmers get only 36 percent of the consumer food dollar.

But that percentage ranges all the way from 67 percent for butter to 9 percent for a one-pound loaf of bread.

Some other examples: farmers' share of the retail price of a dozen eggs is 62 percent; beef, 58 percent; milk, 55 percent; chicken, 51 percent; pork, 46 percent; orange juice, 39 percent; sugar, 35 percent; potatoes, 24 percent; tomatoes, 10 percent; and lettuce, 9 percent.

University of Missouri-Columbia bia agricultural economists point out that a significant change in farm prices for products like eggs, meats and dairy products has much more impact on retail prices than a change in the price of wheat on bread prices.

AUCTION

2 JOHN DEERE TRACTORS, JOHN DEERE COMBINE, FARMALL CUB, FARM MACHINERY, 1952 CHEV. PICK-UP, SPRING BUGGY, SLEIGH, TOOLS

For: Estate of R. William S. Nase and Charles S. Nase

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FRIDAY, MAY 28, 1982

10:00 A.M.

EQUIPMENT - 1020 John Deere w.f., 2010 John Deere w.f., Farmall Cub, John Deere mod. 45 Combine 10' head; J.D. 3-bottom plow; J.D. Transport Disc. 9'; J.D. rear mount 9-W 7 ft. sickle bar; J.D. 7 ft. snowblade, J.D. 2-row corn planter 3 pt. hitch; J.D. FB-B grain disc drill 13 tubes; J.D. 3 pt. hitch 2-row cultivator; 3-section spring tooth harrow; 8 ft. cultipacker; New Idea 1-row Cornpicker #310; New Idea Fertilizer Spreader; 2 grain wagons; 25' grain auger; grain elevator; power boom sprayer; hydraulic cylinders; attachment for Farmall Cub, 5 ft. sickle bar, 1-row cultivator, snow blades.

TRUCK - 1952 Chevrolet Pick-up Truck Mod. #3100.

ANTIQUES - Spring Board Buggy; Express Sleigh; single row Cultivator, wooden wheelbarrow; cornsheller, cider press, fruit crusher.

TOOLS - Battery charger, air compressor, bench grinder, buck circular saw, wooden ext. ladder, lawn roller, snow fence, Fairbanks Platform Scale, & hand tools. Not many small items; Please Be Prompt!

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AUCTION

WEDNESDAY, MAY 26

7 P.M.

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INSPECTION Tuesday, May 25 1-9 P.M.

Wednesday, May 26 4 P.M. Til Sale Time

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460 Int. Diesel tractor, narrow front end; 756 Int. Diesel tractor, wide front end; Farmall H tractor with loader; Int. 400 cyclo corn planter; Papec 2 row harvester w/grass head; John Deere 13 hoe disc drill; 3 bottom 311 fast hitch plow; Oliver 1 row corn planter, 1090 Hesston haybine (1 year old); 3 Papec forage wagons; 275 N H. baler with thrower; 2 Grove 505 bale wagons; 2 John Deere bale wagon; 710 Int 4 bottom 16" plows, semi mounted, NH 56 rake; 10 ft. White transport disc; McCrowall roll harrow; 12 ft. bear cat cultimulcher; Papec hopper blower, quick attch. blade; 5 ft Bush Hog mower; 40 ft. elevator (damaged); 8 ft. cultipacker; 8 ft disc harrow; 2-wheel trailers; NH 38 flail chopper; Chevy pick up truck; Lincoln elec welder; welding rods; table saw White ready portable heater; Artsway grinder mixer; hydraulic cylinders;Starline tank spreader; new wire corn crib; bale conveyor, 1-ton 20-10-20 fertilizer; locust posts; hand corn sheller; hay rack; 3-14 ft. 2" thick plank 24" wide; wagon beans, scrap iron, a few small items.

88 HEAD HOLSTEIN CATTLE

56-head of good grade holstein cows, some have just freshened, some due balance in other lactations, 1 bull, 10 bred heifers, 13 holstein heifers, 12-15 months, 8-Calves 3-6 months, cow calculator, Chart, Good herd, Health charts day of sale.

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MAINE, NY

PUBLIC AUCTION

TUESDAY, MAY 18, 1982

At 10:30 A.M.

Sale to be held on the farm on Rt. 26, 1 mile South of Maine, NY (7 miles North of Endicott, NY)

105 TOP CATTLE (SOLD AT 1:00 P.M.)

86 mature cows, 83 Holstein 3 Ayrshire, of which 10 are strictly fresh, 25 due July & August, 10 due Sept., quite a few due Oct.-Dec., balance in all stages. 13 well grown, bred Holsteins Heifers, 5 well started Heifers. Cattle will be shot for shipping fever, pregnancy examined, blood tested for Brucellosis, TB tested & eligible for immediate shipment day of sale.

4 TRACTORS

Case 1410 power shift diesel w/770 hrs.; Ford 4000 gas, 8 speed; 2-Massey Ferguson 65 gas; all tractors have power steering, live power & remote hyd.

MACHINERY

New Holland 310 baler; N.H. 477 7' haybine; N.H. 329 spreader w/hyd. gate (all less than 1 year old); N.H. 718 chopper w/1 row corn + direct cut head; N.H. 256 rake; N.H. 25 whirl a feed blower; Gehl 72 flail chopper; J.D. transport drag; Lamco self unloading wagon on knowles gear; Pittsburgh 3X 3 point plow; N.H. super 23 blower; N.H. self unloading wagon, 2-flat bed hay wagons; 5-skeleton elevators

BARN EQUIPMENT

1000 gal. Mueller bulk tank; 16' Van Dale silo unloader; 4-Surge milkers; 1-Delavel floor milker; Surge alamo milker pump; Bender dumping station; 3-feed carts; 2 HP & 3 HP elec. motors, some silage day of sale; some misc.

TERMS: Cash or good check day of sale

Lunch Available

Auctioneers Note: A top well uddered young set of cows. Most equipment purchased new, and also in top condition. A real top dispersal all the way.

GLENN & BARBARA WALTER

Owner

Auctioneers & Sale Co. Managers

Ed Goodrich Jr, Rt 38 & 38B, Newark Valley, NY, 607-642-8688

Mel Manasee, Whitney Point, NY, 607-692-4540

GOODRICH AUCTION SERVICE

Rt 38 & 38B, Newark Valley, NY 13811, 607-642-8688

PUBLIC SALE

OF DISHES, ANTIQUES & LAWN TRACTOR

South of Little Britain Elementary School from Route 272 to Little Britain Road on to Brabson Road, Little Britain Twp., 8 miles Southwest of Oxford on Rte. 272.

SATURDAY, MAY 22, 1982

11:00 A.M.

2 Refrigerators (1 old); 2 large elec. fans; 17 cu. ft. chest freezer; elec. tray warmer; portable dishwasher; 3-pc. sectional sofa; 2 matching chairs; rocker; 2 bookcases; Duncan Phyfe table; round oak coffee table; occasional table; love seat; 2 easy chairs; Stauffer exerciser; patio umbrella; aluminum folding chairs; picnic table.

ANTIQUES

Large glass basket; 3 glass birds; 2 spoon holder (1 Heisey); cruets; cut & pressed glassware; 2 oil lamps (1 with reflector & holder); 2 glass pitchers; Shanghai blue plates; 2 blue willow plates; Shirley Temple pitcher; quadruple plate silver 5-pc. coffee & tea set; wooden spice box w/seven wooden containers; dovetailed wood box; plank bottom chair; wicker clothes basket & other baskets; magazine rack; ship trunk.

GENERAL ELECTRIC E14 LAWN TRACTOR & MOWER

(New Batteries)

Collectors Plates - Zolan childrens plates; For you, Wizard of Oz; The Grand Finale; Sabina in the Grass, By Myself; Friend in the Sky by Utz. Edwin Knowles plates by Norman Rockwell; Lighthouse Keepers Daughter, Somebodys Up There; Thanksgiving Easter, Valentines Day, The Shipbuilder, The Music Maker & Others. Avon cars; pictures; Fiestaware; tupperware; 8 wooden trays & other trays; 6 depression glass sherberts & dishes; pink cake plate; Courisity Shop cup & saucers (for 10) 8 plates & soups; large glasses; 2 vanity benches; Casseroles.

STEVENS 12 GA. DOUBLE BARREL & 22 RIFLE

TOOLS

Metal carpenter tool box; ½ in. socket set; hand saws; 2 Stanley planes; brace & bits; spring scales; equipment Caddy; ¼ in. elec. drill; pruners; grass clippers; 3 gal. SS Sprayer; toy chest; metal file safe & desk combination, 2 metal shelves app. 3' wide, 7' high, one smaller; 2 wheel cart; 2 sleds; garden hose; metal wheelbarrow; paper roller.

Beauty Shop Equipment: - wash & comb out station; hyd. chair; dryer chair.

Other articles too numerous to mention.

Terms by

OWEN H. & EDNA A. GROFF

J. Everett Kreider, Auct.

Lunch by Mechanic Grove Church of the Brethren

PUBLIC SALE

FRIDAY, MAY 21

12 Noon

¼ mile North of Dry Run, PA. 6 miles North of Willow Hill Exit (14) off PA Turnpike.

280 Head of Holstein Cattle
225 Registered 55 Grades
15 good second & third calf cows - springing or fresh.
110 Heifers just bred to fresh
150 Heifers from 4 months to breeding age.
5 registered Holstein bulls.

Heifers vaccinated. Dehorned. 30 day charts. 3 generation pedigrees. Catalogs. Records on dams. Up to 27,000 lbs. milk. Most A.I. sired. Daughters of: Ivanhoe Star, Marvex, Very, Fury, Milestone Revel Trump, Topper, Jemini, Matt Tippy, Boots, Triple Threat and many others

Owners:
MIKE & FRED McCARTNEY
Dry Run, PA
Phone (717) 349-2393
or (717) 349-7752

Glick & Harry..... Auctioneers
Coons & Coons..... Clerks
V. Art Kling..... Pedigrees

PUBLIC SALE

OF REAL ESTATE, BLACKSMITH TOOLS AND ANTIQUES
SATURDAY JUNE 5, 1982
9:00 A.M.

Located along Rt. 23, in the village of Blue Ball, East Earl Twp., Lancaster Co., PA.

A certain tract of land consisting of app. 160' of road frontage by app. 108' in depth. Erected thereon a:

2½ STORY FRAME APARTMENT HOUSE

with asbestos siding. Storm doors and windows. Oil fire hot water heat. Electric water heater. Part basement. FIRST FLOOR, APT. #1: Kitchen with built-in sink, living room, bedroom with closet, full bath, laundry with wash bowl and closets. SECOND FLOOR, APT #2 Kitchen with wall cabinets, living room, two bedrooms with closets, full bath, small laundry. Attic storage. Town water. Shade trees, shrubbery, blacktop driveway.

28'x50' CEMENT BLOCK BLACKSMITH SHOP

with horse stable atth., half bath and 220 voltage. Underground gas tank.

REAL ESTATE AT 1:00 P.M.

Terms: 10% down day of sale, balance on July 7, 1982. Open House: Saturdays, May 22, 29 from 12:00 Noon - 4:00 P.M. Atty. Wentz - Weaver.

TOOLS & HARDWARE GALORE

Blacksmith Forge #403, complete; 2 - Bench Grinders; Large Anvil; 3 - Bench Vises; B & D ¾" Drill and Press; Torch Unit on cart; Portable Grinder; Forney Welder; Stationary Air Compressor; Generator with engine; 90 and 30 Drawer Bolt Cabinets; Welding Table on Wheels; 20' and 40' Alum. Ext. Ladders; Step Ladder; 5 H.P. Electric Motor; Shop Stove; Frigidaire Upright Freezer, Socket Set; 3 - Electric Drills; Pipe Cutter and Wrenches; Lot of High Speed Drill up to 1¼"; Lot of Bolts, Nuts, Washers; FULL LINE BLACKSMITH TOOLS; Lot of Fire Tongs, Chisels, Punches, Files, Hammers, Scrap Iron; Hundreds of Horseshoes, sizes from Double O to No. 8; 5' x 16' Diamond Plate Truckbed Sheeting; Lot of Handmade Fire Hooks, Double Door Latches, Barn Door Hinges plus Misc. Items; Cluing Clamps; C Clamps; Chain Hoist; 2 - Straw Knives; Antique Saddle; Harness; Single Trees; Shovels; Forks; Drag Hook; Wagon Tongs; Shafts; Flat, Rod and Angle Iron; Bolt Cutter, Tin Shears; Adjustable Wrenches, Hack Saws; Turn Buckles; Tractor Pins; Nail Kegs; Dog House, plus many more things not listed.

1962 PLYMOUTH STATION WAGON

NOTE: This is only a part listing. Mr. Hoernlen was in the Blacksmith Trade for 70 years. Come early and enjoy the day with us.

Sale for
RICHARD HOERNLEN
Aucts. 717-354-5183
Nevin Z. Martin
Lewis B. Groff
Clerks: Andy - Dorcas Martin
Lunch Served by Goodville Fire Co.
Not Responsible for Accidents

PUBLIC AUCTION

MONDAY, MAY 17, 1982
5 P.M.
OF VALUABLE REAL ESTATE AND PERSONAL PROPERTY

Known as Wagner's Orchard, located 2 miles North of Somerset, just off 601.

EQUIPMENT & HOUSEHOLD GOODS

Ferguson Model 30 tractor; Meyers 500 gal. orchard Sprayer; Woods Rotary Mower & Brush Hog; 3 pt. Hitch Blade, like new; Good cut-off Saw; Cut-off Saw Table; 600 new Bushel Crates; Other Crates; Portable air compressor; new centrifugal pump & motor; 2 Gravity rollers; Wooden ladders; Some tools; Nails; Used lumber; Building trusses; Sausage stuffer; Some dishes; Picnic table; Lamps; Card table & Chairs; Electric heater; 3 piece leather living room suite; Chest of drawers; Electric range; Philco refrigerator, 1955 Chevrolet; Miner's stretcher; Brass candles; Good fiddle; Misc. household goods & tools

REAL ESTATE

Real Estate consisting of 2½ story frame house in good repair; with pole barn 25x50 10,000 bu. cold storage building; farm pond; with 20 acre apple orchard; all varieties, also (8) 1 acre lots with street & Telephone and electric

Terms. Personal property cash, real estate 10% down, balance delivery of deed Owners reserve the right to accept or reject any or all bids on real estate.

Owners
RAY E. WAGNER JR. & PATRICIA A. WAGNER
Attorneys: Gregory Frantz & Joseph Cascio
For inspection of the real estate, call 445-7687
Mishler and Claycomb, Auctioneers
Real Estate to be offered at 7 p.m.

PUBLIC SALE

OF ANTIQUES AND HOUSEHOLD GOODS
MON. EVE., MAY 17, 1982
at 6 P.M.

Located along Woodcrest Drive (Directions: Rt. 322 East of Ephrata to Hahnstown Rd., turn left onto Glenwood Dr., 1 mile to Woodcrest Drive), Ephrata Township, PA.

OAK DESK & BOOK CASE COMBINATION
(Unusual with Wood Carvings and Mirror)

OAK SIDE-BY-SIDE, (Desk & Book Case - Carvings); Slant Top Desk with Claw and Ball Feed (Book Case Top); SQ OAK EXTENSION TABLE with 8 Boards (unusual); 6 OAK CHAIRS; Oak Bureau; Oak Ladder Chair; Clothes Tree; Reed and Upholstered High Back Chair; Reed Chair; Large Church Bench; Buggy Seat; Sofa; Small Pot Bellied Stove; Card Table; Refrigerator-Freezer (Side-by-Side); G.E. 12 Cu. Ft. Chest Freezer; AM-FM Radio; Typewriter Table; Maple Coffee Table; Pine End Table; Portable TV; Trunk; Oak National Cash Register (Store Type); Movie Camera and Projector; School Desk.

Ingraham 8 Day Mantel Clock (Oak Case); Ingraham Mantel Clock; Sadirons and Trivets; Iron Pans; Iron Grill; Iron Waffle Irons; Copper Jug; Copper Wash Boiler.

Tin Ware, Moose Creamer; Slip Ware Pie Plate; Maestract Dish; Depression Cream & Sugar, Pots and Pans; Misc. China and Glassware; Silverware; Bone Handle Knives and Forks; Depression Glass; Salt and Peppers; Pressed and Pattern Glass; English China; Ruby Sherbets; Stemware; Dated Canning Jars; Bottles; Insulators.

Check Writer; 50 Gal. Crock; Sausage Stuffer; Butcher Block (for Butcher Shop), Blacksmith Forge with Bellows; Metal Tool Box for Pick-up Truck.

2 - C.G. YOUNG WOODEN SHAKING FORKS
2 - C.G. YOUNG WOODEN RAKE

Ruger .22 Magnum Pistol (New); Stihl Chain Saw (015); Bicycle; Bolens Tractor Cab; Milk Cans; Implement Seats; Car Ramps; Come Along; Gas Cans; Single Trees; Step Ladder, Wooden Barrels; 8' Scaffolding; Sewer Router; Scythe; Screened-in-Room, Camping Stove; Registers; Fire Brick, Lawn Mower; Fishing Equipment

Terms By:
CALVIN YOUNG
ROY HORST
T. Glenn Horst, Auct.
Timothy G. Horst, Auct.
859-1331

Sale Reports

AUCTION

FARM MACHINERY
SATURDAY, MAY 22
12:30 P.M

At Laurelton State Farm, Union Co., Pa., located 10 mi. west of Mifflinburg on Rt 45, go to Rt. 235, 1 mi to Laurelton Turn east at Post Office, 1 mi to farm at cemetery.

Int 300 tractor, new tires, corn binder, 2 bale wagons, 4 rubber tired running gears, side delivery rake, IHC manure spreader, IHC 175 manure spreader, cultipacker, John Deere hay baler, JD hay crusher, 2 row silage harvester head, IHC forage pick-up head, IHC pull behind combine, 3 bottom IHC rubber tire plow, 4 row corn planter, bale elevator, snow blower powered w/Wisconsin engine, misc parts & other items too numerous to mention Be on hand early, it will be a short sale

Conditions: Cash or traveler's checks only.

By order of
DEPT. of GENERAL SERVICES
Harrisburg, Pa
Clay C. Hess & Richard J. Moyer, Aucts
115 Hess Road, Collegeville, Pa 19426
215-489-7127 or 215-948-8050

PUBLIC AUCTION

SATURDAY, MAY 22
9:30 A.M.

Located at the residence of John J. and Lois N. Dilling, 1 mi. north of Fredericksburg, Pa. Blair Co., off route 164 on Clover Creek Road.

HOUSEHOLD GOODS, ANTIQUES, FARM MACHINERY, TOOLS, GUNS, HORSES & MULES

Household Goods and Items on wagon will both start at 9:30 A.M.

HOUSEHOLD GOODS Westinghouse elec refrigerator, Hotpoint refrigerator, Ben-Hur deep-freeze, chrome Breakfast Set w/6 chairs & 2 boards, 3-pc light Oak bedroom suite, 4-pc Walnut bedroom suite, unpainted chest of drawers, 2-pc living-room suite, coffee table, end tables, corner end table, platform rocker, odd chairs, picnic table w/2 benches, Westinghouse automatic washer, Whirlpool dryer, 2 Maytag wringer washers, 80-gal water heater, elec high pressure washer, Hoover rug scrubber, Oak gun cabinet w/glass and 2 drawers, Walnut chest, Oak desk, Oak bookcase, elec. lamps and clocks, phonograph, records, dishes (set of dishes, depression, milk glass and hand painted), large roaster, some cooking utensils, silverware, linens, jars, crocks, dehumidifier and misc. items.

ANTIQUES Old-fashioned apple grinder, sad irons, kerosene lamps and lanterns, old glass lamp shades, dated jars, woodbox, 3 trunks, small dinner bell, cane rocker, picture frames, iron bank and Budweiser horses

GUNS. Model 70 243-Winchester rifle w/scope, 22 Hornet w/scope, Model 67E Sprinfield 12-gauge pump shotgun.

FARM MACHINERY & TOOLS Massey-Ferguson "65" tractor (fair), JD rotary chopper, JD manure spreader w/PTO (fair), JD kick-back wagon, JD flatbed wagon, Oliver hayrake, Case elevator, 2-axle flatbed trailer, Schramm air compressor w/IHC motor, JD 5-foot horse mower, No 10-A rubber-tire horse spreader, IHC wooden-wheel wagon & bed (good), two bob-sleds, Wiard walking plow, set of work harness & set of mule harness, collars, rings, bridles, Miller welder w/225 amps, long cables, clamps, acetylene outfit w/tanks, small elec air compressor, 3 h.p electric motor, salamander, lg tool box, shop creeper, 2 wagon loads of small items such as elec drills, ½ h p heavy duty drill, sockets, pipe fittings, wrenches, extension cords, shop tools & misc things. Something for everyone.

HORSES Pair of roan colts (1 yr old), 2 spotted mules (2 & 3 yrs old), some other horses.

Terms: Cash or approved check.
Lunch — Clover Creek Church
JOHN J. & LOIS N. DILLING
Owners
Col. Jean & "Pete" Pepple &
John J Dilling, Auctioneers.
Not Responsible for Accidents

An auction of colonial antique tools and shop tools was held May 8 by James and Mary Dennis, 575 Cecil Ave., Perryville, Cecil Co., Md

Some prices included Rockwell 18" planter $2,700, metal lathe $1,200, wood lathe $800, table saw $825, planer-jointer $825, drill press $400, 12-ft lowboy flat trailer $300, 2 cyl air compressor $500 and Dayton dust collecting system $185

William H Amoss was the auctioneer

xxx

A public sale of a 13-acre farmette was held May 8 by Daniel L and Dorothy S Stoltzfus, along Custer Ave., 1½ miles south of New Holland, Lancaster Co

The 2½-story frame dwelling, frame steer barn with tobacco shed attached and one car garage was sold for $88,400 to Roy Stoltzfus, R1, Leola

Auctioneers were Nevin Z Martin and Lewis B Groff

xxx

A public sale of farm equipment was held May 8 by Roscoe P Line, north of Newville, Cumberland Co There were 237 registered buyers present

Some prices were J D. 4020 D tractor $9,700, 1926 Twin City tractor $500, Pittsburgh transport disc $1,300, Brillion transport harrow $1,025, hay wagons $530 to $560, J D 60 tractor $2,550, grain wagons $600 to $735 and Int #93 combine $3,350

Auctioneers were Shull & Shull

NOW 2 FEEDER PIG SALES PER MONTH
2ND & 4TH
Mondays of
Every Month
At Caroline Sales Co.,
Denton, MD
Sponsored by:
MD Pork Producers
"FARM FRESH PIGS DO BETTER"
Frank Copen, Mgr.
301-479-2656

MARYLAND NATIONAL REGISTERED ANGUS SALE
FRIDAY, MAY 21
6 30 P M
Frederick Fairgrounds,
Frederick, Maryland
Selling 100 head of selected registered Angus cattle
THE BREED'S BIGGEST AND BEST!
MARYLAND ANGUS ASSOCIATION

Sale Reports

A public sale of real estate and household goods was held May 8 for the Harry Sweitzer Estate, 2 miles north of Bowmansville, Lancaster Co.

The 2½-story, 6-room house located on 1½ acres was sold for $43,000 to Edwin Martin, East Earl.

Other prices were Cub tractor & plow $2175, cultivator $220, 16-gauge shotgun $110, plank-bottom chairs $58 each, blanket chest $250, bedroom suites $710 & $475, desk $535, sideboard $350 and dishes and $90 & $190 each.

Auctioneers were LeRoy S. Horst and Paul W. Horst.

xxx

A public auction of antiques was held May 8 for the Catherine B. Shimp Estate at the Schoeneck Fire Hall, Schoeneck, Lancaster Co There were 350 people attending the sale.

Among the items sold were Daniel Oyster (1720-1740) Reading Pa. grandfather clock $4,900, 2 Wilton oriental rugs $1,050 for a 10x10, & $1,100 for a 10x15, antique mahoghany tea cart $175, 10-pc. dining room suite $850, Lustre pitcher $85, pair of Colebrookdale vases $840, 4 plank-bottom chairs $130 each, trundle bed $180, Gaudy Welsh Pieces--teapot $425, sugar $300, creamer $320, 2 bowls $100 each, 2 small plates $109 each, Tilt-top table $150, child's cheese cutter rocker $200, Hummel figurines $25 to $95, 43 sets of Cloister coins (2 in each pack) $5 to $7 a set

H.H. Leid Auction Service conducted the sale.

xxx

A large two-day public sale of antiques was held May 7 and May 8 by Clyde R Attig in the Shrewsbury Fire Co. Hall, Shrewsbury, York Co

Some prices were rare left wing Goose Wing axe $250, square oak china closets $175 & $150, oak dry sink $280, two-wheel coffee grinder $150, Tiffany-type lamp $200, strings of sleigh bells $115 to $250 each, Depression glass $15 to $70 each, Diamond Lace water set $250 and 30-pc. set Noritake Azalea pattern $20 to $75 each.

Robert and Thomas Sechrist were the auctioneers.

xxx

A public sale of household items and machinery was held May 8 by Anna Boden, 2 miles south of Manns Choice, Bedford Co.

Some prices included: 8 pc. oak diningroom suite $800, small curved china closet $375, recliner chair $235, chest-type freezer $175, set of 2 end tables $250, set of old china $110 and Ford 800 tractor $1,125

Stanley Claycomb and Linda Muir were the auctioneers.

MILK
The Fresher Refresher

PUBLIC SALE

SATURDAY, MAY 22

AT 10:00 A.M.

Located at North Third and Gilbert Streets in Halifax, Pennsylvania, 20 miles Northeast of Harrisburg, PA. on Route 225 and 147.

ANTIQUES AND COLLECTIBLES

Round Oak Table, Oak Extension Table, Oak Sideboard, Two Oak Stands with Claw and Ball Feet, Blanket Chest, Iron Bed with Brass Fixtures, Wooden Ice Chest, 6 Oak Dining Room Chairs, Cane-Bottom Rocker and Chair, Wicker Rocker and Chair, Oak Stands, White Treadle Sewing Machine, 4-Piece Waterfall Bedroom Suite, 3-Piece Early Mohawk Living Room Suite (very nice), Copper Boiler, Wooden Washtub, 30 Gal. Cider Barrell, Crocks and Jugs, Baskets, Large Slawcutter, Cheese Box, Erie Tea Kettle, Cast Pots and Frying Pans, Kerosene Lamps, Approx. 14 Pieces of Noritake China in Azalea Pattern, Pink Depression Glass Berry Set, Carnival Dish, Nearly Cut Glass Creamer, Sugar and Vegetable Dish, Pressed and Pattern Glassware, Roseville Vase, Ruby Berry Set, Aracadia Pictorial Iron Stone Plate and Other Ironstone Pieces, Approx. 50 Pieces of Paden City Pottery China, Alexander Rubber Doll, Picture Frames, Decorated Feed Bags, Coverlet, Early Book Entitled "The Long Lost Friend", Halifax Gazzette Newspapers and Other Items.

TAUFSCHEINS & INDENTURES

Four Printed Taufscheins: 1824 Schuylkill County, 1834-Jackson Twp., Dauphin County, 1821 Armstrong Valley, Dauphin Co., 1849-Jefferson Twp., Dauphin Co., Four Indentures of the years 1809, 1817, 1821, and 1853 covering lands of Halifax and Jackson Township in Dauphin County. Most of these areas are land of 1400 acres in the boundaries of the Armstrong Creek to the North, East and West and Dividing Ridge Road to the South. Some are signed by marks and blood. Areas are now divided into many farms in these areas.

HOUSEHOLD GOODS

Whirlpool Automatic Washer, Maytag Wringer Washer, Zenith 19" Black & White Television, Laned Cedar Chest, Recliner Chair, Platform and Occasional Chairs, Stromburg and Carlton Floor Model Radio, Metal Wardrobe and Cabinets, Benches, End Tables, Stands, 4-Burner Kerosene Stove, 20" Electric Window Fan, Portable Record Player, Typewriter, Electrolux Sweeper, Floormaster Sweeper, Revereware Pots, Wagnerware Pieces, Presto Pressure Cooker, Electrical Appliances, Fiber Rub, Several 9x12'Rugs, Flower Pots and Planters; Canning Jars, Homemade Soap, 100 Ft. Electric Cord, Grain Cradle, 36x80" Aluminum Storm Door, 2-Wheel Trailer, Lawn Mower, Peddle Grindstone, And Many Other Items, New Items, Also, Such As Approximately 70 Pieces of Hall China Primrose Pattern (service for eight), 5-Piece Anchor Hopkins Milkglass, Community Plate Service for 8 Silverware, Baker 12-Piece Stainless Silverware Set, Service for 6 in Stainless Tableware, Farberware 3-Qt. Electric Coffee Pot, Farberware Electric Double Boiler, Westbend Electric Coffeemaker, Pyrex Pieces, Linden German Electric Clock, Teflon Pots, Numerous Tupperware Pieces, Numerous Washcloths, Tea Towels, Sheets and Pillow Cases, Bed Spread Blankets, Numerous Avon, Fuller and Larkin Products, Such As Brooms, Mops, Brushes, Powder, Cleaning Products, Perfume, Handcream and Lotions, Window and Bathroom Cleaners and Many Other New Items Too Numerous To Mention

ESTATE OF VELMA & CHARLES HOOVER
Paul Hoover, Executor

Ed Shopp, Auctioneer
717-896-8305

Ed Shopp AUCTIONEER — PUBLIC SALES, APPRAISALS, LIQUIDATIONS — R.D. 2 RIDGE ROAD HALIFAX, PA (717) 896-8306 — LICENSED & BONDED

BY ORDER OF GENERAL SERVICES

AUTOTORE'S AUCTION

TUESDAY, MAY 25
Starting at 9 A.M.
Locust Mt. State Hospital off route 924
(Shenandoah Heights Area)

SELLING SURPLUS ITEMS
HOSPITAL EQUIPMENT

CGR TA 50 xray table w/CGR TV single xray viewer, CGR CS 30 control unit & 8 xray viewers, Stainless Steel tables, S.S. hospital pans, surgical equipment, shock treatment unit, privacy screenes, metal hutch type medicine cabinets, S.S. top bed stands, metal dressers, wood dressers, S.S. Mortuary table, STRYKER TURNING FRAME, PEDIATRIC CRIBS (S.S.), double pedistal desks (oak-Maple-Walnut) chairs, Sero Fuge (Adams) Incubators, medical books, fracture table, light cast #2 Meric Sharp & Dome.

RESTAURANT EQUIPMENT

2 mule hot food carts, S.S. meal on wheels, Hobart potato peeler, lg. butcher block, butcher block table, ice-cream cooler, S.S. table w/overhead pot holders, Mis. S.S. items, 2-200 lb. Toledo scales one portable, S.S. commercial spice cabinet.

LAUNDRY EQUIPMENT

4 roll American Standard press, 2 steam flat presses, 2 Hoffman Vorsec tumblers, American 30" extractor, Cascade washer.

GENERAL ITEMS

Roll top desk, Bond upright piano, ball & claw tilt top table, porch rockers, 2 wicker chairs, sml. oak childs desk, storage cabinets, sofa's, wood coat trees, night stands, hospital beds, portable liters, TV's, elec. & manual typewritters, secretary desk (mahogany), 3 & 4 section lockers, double card file cabinets, Lg. 8' long 9' high Oak back cabinets w/lot of storage compartments, Jerry chairs, plus many-many unlisted items.

Terms - CASH

Seller-Dept. of General Services
Auctioneers - John Autotore 784-3506
John Jr. 784-0381

PUBLIC AUCTION

SAT., MAY 22
10 A.M.
ESTATE OF NANCY L. NYE
FARM EQUIPMENT
& HOUSEHOLD ITEMS

From Rte. 322 (between Hummelstown & Hershey Med. Ctr.) go south on Bullfrog Valley Rd. past The Alpine to dead end, left onto Roush Rd., right onto Sand Hill Rd., left to 101 Nye Rd.

FARM EQUIPMENT - 1 P.M.

Farmall 450 tractor with hydraulic lift & blade, Farmall Super C tractor with pulley & cultivator, Woods Cadet 72 rotary mower, NH 7' sickle bar mower, Intl. 46 baler, MF 14 hole disc grain drill, 2 rubber tired wagons, New Idea manure spreader, NH side dely. rake, 3 bottom quick hitch plow, 3 section spring harrow, 7' disc harrow, Intl. 2 row corn planter, roll-over scoop, grain elevator, lge. bale conveyor, hammer mill, 3 home made 2 wheel trailers, rubber drive belt (approx. 36'), about 500 bales straw, 30' alum. ladder, 20' wood ladder, & other items.

HOUSEHOLD ITEMS

Columbian Cook stove, GE electric stove, Frigidaire refrigerator, Maytag wringer washer, 2 pc. Colonial style living room suite, 2 pc. sectional sofa, 9 pc. dining room suite, side chair, floor lamps, lge chest freezer, GE upright freezer, 2 sgle beds, 3 pc late 30's bedroom suite, 2 plate coal stove, a few tools, fruit baskets.

OLD ITEMS

Oak bed with roll ends, oak bureau with beveled mirror, oak chest of drawers, 4 pressed back chairs, cedar lined chest, sheet music cabinet.

FARMERS BANK & TRUST CO.
OF HUMMELSTOWN,
Executor, 566-3206
Auctioneer
Ralph R. Wenrich, 944-6260
Refreshments by St. Paul Lutheran Church

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 758 6004

PUBLIC SALE

SATURDAY, MAY 22
9:00 A.M.

Located between Berrysburg and Millersburg, Pennsylvania, 1 mile South off Route 25 on T556, Municipal Road. Watch for sale signs along Route 25 day of sale.

REAL ESTATE

2½-Story Frame Dwelling situated on 4.031 Acres. First floor having 3 rooms, kitchen and half-bath...Second floor having 4 rooms and bath...Keystone Hot Water Oil Furnace...Assorted Out-Buildings. For inspection or additional information phone 362-8077 or 692-3479. Real Estate to be offered at 1:30.

ANTIQUES & COLLECTIBLES

Primitive Pie Cupboard with 3 Heart Cut-Outs on Back Gallery; (2) Blanket Chests - 1 with Long Strap Hinges, Original Paint and Black Feet; Flour Chest with Dough Box; Complete Spinning Wheel with Old Red, Marked 1865 - C.L.A. - N213; Bucket Bench with Sink Top and Scalloped Sides; 4-Legged Dropleaf Table; Assortment of Chairs and Rockers including 6 Round Back, 6 Pressed Back, Oak Rocker, Plank Bottom Nursing Rocker, Etc.; (2) Early Porch Benches; 1-Drawer Splay Leg Stand; China Closet; Oak Combination Bookcase-Desk; Dough Box; 3-Pc. Bedroom Suite; (2) Empire Chests of Drawers, 1 in Curly Maple; Oak Bureau; (2) Round Top Trunks; (2) Oak Sideboard, 1 with Claw Feet; Rope Bed; Square Oak Extension Table; Plank Bottom Potty Chair with Original Decoration; Oak Combination High Chair-Rocker; Yarn Winder; Folding Crib; G.E. Refrigerator with Monitor Top, Circa 1900; Wood Box; 6-Legged Dropleaf Table; Early Coal Room Heatrola; Spool Rope Bed; Feed Box; Copper Washboiler; Butcher Kettle; Wicker Planter; Oak Case Sewing Machine; (2) Rye Baskets; **FRAKTUR BOOKPLATE DATED 1817 WITH HEARTS, WREATH AND FLOWERS, CAN BE ATTRIBUTED TO CARL E. MUNCH, DAUPHIN COUNTY, PA.**; Lg. Gold Leaf Wall Mirror; Kerosene Lamp; Rayo Lamp; (3) Peanut Jars; Tin Coffee Pot; Turk's Head; Assortment of Crocks and Jugs including Blue Decorated Cowden & Wilcox Crock, Blue Decorated Double-Handled Crock with Pouring Spout, Blue Decorated 3-Gal. Cowden & Wilcox Jug, Etc ; 5-Pc. Toilet Set; Assorted Picture Frames; Box of Arrowheads; Bracket Lamp with Reflector; Strip Carpet; Butter Paddle and Bowl; Cherry Seeder; Apple Peeler; Redware Bowl; Tin Candle Mold; Lg. Selection of Green Depression Glass including Cherry Patterns, Etc.; Cast Iron and Tin Banks; Tin and Cast Iron Cars; Motorcycle Cop and Car Single Track Speedway by Marx; Wind-Up Streamlined Train by Marx; Toy Tin Horse-Drawn U.S. Mail Covered Wagon; Assorted German Books; Sear's 1911 Catalog; Montgomery Ward 1905-06 Catalog; Etc.

MISC. ITEMS

G.E. Stove; Chest-Type Freezer; G.E. Automatic Washer; Kerosene Stove; 3-Pc. Living Room Suite; Maple Table; (2) Roll-Away Cots; Slide Projector with Screen; Large Collection of Chickens and Roosters; Misc. Dishes; Pots, Pans and Garden Tools; Wood-Turning Lathe; Single Row Corn Planter; Corn Sheller; Numerous Other Items.

PINCOR VOLT MASTER 3500 WATT GENERATOR

COINS

Lincoln and Indian Head Pennies; Liberty Head Dimes, Half Dollars and Quarters; V-Nickels Buffalo Nickels; Silver Dollars. COINS WILL BE SOLD AT 11:00 A.M. FOR COMPLETE LIST SEND NAME, ADDRESS AND STAMP TO AUCTIONEER.

TERMS: REAL ESTATE - 10% DOWN. FURTHER TERMS AND CONDITIONS TO BE GIVEN THE DAY OF SALE. PERSONAL PROPERTY - CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER.

HANNAH H. RILAND,
Owner
Earl Richard Etzweiler, Attorney
DOCKEY & DOCKEY, Auctioneer
Deppen, Apprentice

Soybean Expo coming Aug. 6-9

ST. LOUIS, Mo. — A trade show featuring soybean equipment, supplies and services and a series of soybean management seminars are highlights of the 1982 Soybean Expo to be held in Minneapolis, Minn August 6-9

The four-day conference features twenty soy profit sessions, two general sessions, the largest soybean trade show ever assembled and several family-oriented activities

Registration for Soybean Expo begins at 7 a m Friday, Aug 6 at the Hyatt Regency Hotel in Minneapolis The meeting is open to all soybean farmers

Highlights of the first day's program are two three-hour mini-conferences — one on use of the computer as a farm management tool and the second an in-depth look at current market opportunities to help farmers evaluate market options

A series of 75-minute soy profit management seminars featuring discussion led by farmers, researchers and industry experts will be conducted throughout the four-day program Expo participants may select 8 of the 20 topics which include the soybean outlook, marketing strategies, tillage to save soil and oil, variety selection, sprayer selection and many other current topics

The largest soybean trade show ever assembled for Soybean Expo gets underway with an opening reception on Friday evening, August 6 The show features over 150 exhibits from the nation's leading suppliers of farm machinery, ag chemicals, farm supplies and marketing services Several suppliers are sponsoring special activities during the three-day Expo program including receptions, meal functions and entertainment

General sessions on Saturday and Monday feature addresses by ASA President Charles Hamon and others yet to be announced

Soybean Expo includes programs for the entire family The women's program features workshops on farm office management topics, demonstrations or microwave oven cooking and tours to places of interest in Minneapolis A youth program with activities for children and youth ages 7-16 features tours, an afternoon at an amusement park and an evening at a Minnesota Twins baseball game

Soybean Expo concludes Monday, Aug 9, with the President s Banquet and an evening of entertainment and dancing

For more information about Soybean Expo, write the American Soybean Association Box 27300, St Louis, MO 63141 or call 314/432-1600

PUBLIC SALE

OF REAL ESTATE

From Robert Fulton Fire House at Wakefield take Peach Bottom Road 3 miles West to Bicknell Road, ¼ mile to sale. 22 mile South of Lancaster, 12 mile West of Oxford, in Fulton Twp.

THURSDAY, MAY 27

7:00 P.M.

App 42.6 Acres of land erected thereon a brick Cape Cod House 30x70 w/4 bedrooms w/2 rooms & full bath up, and 6 rooms & full large bath downstairs 2 Bedrooms, mud room, large dining room, living room & kitchen Double thermo oven, Rutt cupboards (Cherry wood w/walnut finish), Nu-tone food center, Jen-air range w/Corning cook top, brick fireplace in kitchen All rooms carpeted or hardwood floor Pella windows, Carrier heat pump & air-conditioning. Well water, 2 car garage attached, full basement, 600 amp service House 10 years old, 16x32 in ground pool

3-60 ft. double mushroom houses, concrete block fully insulated. 10 Acre pasture w/nice stream.

Terms by,

WILLIAM & PATRICIA SKILES

717-548-2927

J. Everett Kreider, Auct.

10% down, balance 90 days or upon settlement. Inspection May 15, 1 to 4 or by appt. An opportunity for self employment, country living in a quiet area.

PUBLIC SALE

SATURDAY, MAY 22

TIME: 10:00 A.M.

Located off Rte. 850 in Maryland turn onto Broad St. and watch for sale signs.

REAL ESTATE - ANTIQUES
HOUSEHOLD ITEMS - TOOLS

ANTIQUES AND HOUSEHOLD ITEMS - Miniature Walnut Dovetailed Blanket Chest, Victorian Dropleaf Table-Salesman's Sample, 2 Victorian Rose Carved Chairs, Pine Dry Sink-Rough, 6 Solid Seat Chairs w/Original Paint, Pine Dovetailed Blanket Chest w/Glove Box, Odd Chairs, 2 Dropleaf Tables-Chesnut, Iron and Brass Bed, Oak High Chest, Blanket Chest, Princess Dresser, Hall Table, Record Cabinet-Painted, Softwood Wash Stand, Magazine Rack, Stool, Chifferobe, 9 Pc Dining Room Suite, (Walnut), Floor Model Spartan Radio, Floor Lights, Table Lights, Cane Seat Chair, Odd Stands, Adv. Boxes, Walnut Frames, Mirrors-Gold Leaf, Oak, Treadle Sewing Machine, ½ Spindle Chair, Folding Carpet Chairs, Oak Chairs, School Desk, Copper Tub Easy Washing Machine, Very Clean Early Living Room Suite, Bed Room Chairs, Porch Rockers, Stands, 2-9x12 Rugs, Perfection Oil Stove, Box Springs Mattresses, 2 Ice Cream Chairs, Book Case, Crocks, Granite Ware, Ivory Dresser Set, Chalk Dog, Leather Case Manicure Set w/Ivory Handles, Clocks, Several Bavarian Vases, Mojulica Pitcher, Guardian Ware, Cast Iron Skillets, A Lot of Misc. Items.

TOOLS — Adz. Wm. Petty & Sons of Chester, Pa., Wood Graining Kit, Small Anvil, Tap & Dies, Draw Knife, Brass Locks, Buggy Wrench, Adv. Signs, Meat Saws, Hand Saws, Vise, Wooden Wheel Barrow w/Wood Sides, Planes, Hammers, Chisels, Punches, Level, Ext. Ladder, Sad Irons, Foley Lawn Mower, Large Wooden Work Bench w/Vise/Drawers, A Lot of Misc. Tools, Garden Equipment.

REAL ESTATE-12:00 NOON

2½ Story Frame House on Stone Foundation, Shingle Roof, on a Very Large Corner lot of 111 Broad St., Marysville, Pa. consisting of Kitchen, Dining Room, Living Room, Three Bedrooms and Bath, Attic, Full Basement, Trees and Shrubs.

For Inspection of Property – Phone 957-2871 Mon., Wed., Fri. Between 5:00-8 00 P.M.

Terms Of Real Estate: 10% on Day of Sale Balance Within 30 Days. Terms: Cash, Travelers Checks, or Good Check.

ESTATE OF MARY E. DEPUGH
Executors of Estate:
Nevan H. Simmons
Ralph M. McClain
ATTORNEY: Gerald K. Morrison
New Bloomfield, Pa

Carol Burruss, Auctioneer
776-5107
Park Hurst & Hummel, Clerks
NOT RESPONSIBLE FOR ACCIDENTS

PUBLIC SALE

HOUSEHOLD GOODS, ANTIQUES, TOOLS, LAWN & GARDEN EQUIPMENT

Of the Late C.E. Hersey and Ida Mae Hersey, now residing in Barley Convalescent Home

SATURDAY, MAY 22, 1982

At 9:00 A.M.

Located approx. 1 mile north of Stewartstown and 2/10 mile off Rt. 24 along Lowe Rd., York Co., PA. Turn off Rt. 24 opposite Wilson's Service Center.

HOUSEHOLD GOODS

Avocado green Frigidaire 2 dr. refrigerator; matching green Frigidaire electric stove; Gibson upright freezer; Frigidaire chest freezer; Sylvania 25" color console TV, like new; new Electrolux sweeper w/power drive head; new walnut finish hospital bed w/all attach.; matching Maytag auto washer & dryer, like new; Herring Hall floor safe, approx 300 lbs.; full line of. sm kitchen applicances; lg. triple sofa; platform rockers; recliner; 2 nice swivel rockers; bookcase; step end tables & coffee table; elec sewing machine; gooseneck rocker; gun cabinet; beautiful dark wook 7 pc dinette set; sofa bed; 5 pc. B R. suite; green velvet B R. chair; lot of bedding, blankets, linens, etc; wardrobe, sm. chifferobe; 2 lite pole light; magazine racks; stands; sm. tables; lg. cedar chest, blanket chest; D.R. table & 6 chairs; kneehole desk; desk lamp; L.R. & D.R. lamps; Victor adding machine; clothes tree; nick-nacks; lot of dishes, pots, pans. etc. 5 pc. breakfast set; folding chairs; floor polisher & other items

ANTIQUES & BUTCHERING TOOLS

3 pc. oak B.R. suite; Victorian side chair; treadle sewing machine; oak rocker; kitchen cabinet; 2 bentwood chairs; butter tub stand; wooden bucket magazine racks; sm. oak round stand; antique doll; kerosene lamps; very fine ornate mantle clock; sm. Wm. Foust jug; lot of asst. sizes of crocks; granite ware colander & dish pan; pitcher & bowl; old cans & buckets; post cards; store baskets; lap robe; kettle & 3 foot; meat grinder; lard press & sausage stuffer; stirrer; butcher bench; butter churn; jugs; canning jars; milk cans; benches; tubs; kerosene heater; single & double trees; some very old dishes & glassware; stemware; Columbian cook stove w/nickel trim in nice condition.

LAWN & GARDEN TOOLS

Int. Cub Cadet 149 hydrostatic tractor w/48" mower, snow blower & roto-tiller attachments; Troy-bilt 4 HP roto-tiller; walk behind garden tractor; wheelbarrow; M.F. dump cart; 36: lawn fertilizer spreader; lawn roller; Homelite Super LX chain saw; lg. heavy duty air compressor; air grease gun; drill press; bench grinder; hand tools; power saws; drills; bag truck; lg. bench vise; cattle dehorners; hand mowers; miter box & saw; gas cans; chicken coop; tools of every description; alum ext. ladder; nuts; bolts & many items not mentioned.

Terms: cash or approved check

SHIRLEY S. SHENBERGER, P.O.A.

Bob & Tom Sechrist, auctioneers
Anderson & Warner, clerks

Not responsible for accidents
Refreshments by Mt Pleasant Cemetary Assoc.

Public Sales Register

Closing Date - Monday 5 00 P M of each week s publication

MAY

SAT MAY 15 9 30 A M Public Sale of Real Estate Antiques and Household Goods Located one block south Kleinfeltersville along Rt 897 Leb Co PA Grace K Heffley Owner H H Leid and John H Fry Auctioneers

SAT MAY 15 9 A M Public Sale of Real Estate Antiques Tools and Coins Located along Fritztown Rd next to Fritztown Fire Co Between Reinholds and Sinking Springs S Heidelberg Twp, Berks Co PA Myrtle M Ream Estate T Glenn Horst, Auctioneer

SAT MAY 15 10 A M Public Sale of Real Estate Household Goods Tools and Guns Located approx 4 mi south of Quarryville along Rt 222 or 10 mi north of PA MD State line on Rt 222 Jim and Sandy Yockley Owners Gary L Shirk and Lloyd H Kreider Auctioneers

SAT MAY 15 Public Sale of Const Equipment Located in Kingston PA Vilsmeier Auction Co Inc 215-699 5833

SAT MAY 15 9 A M Public Sale of Garden and Lawn Equipment Hand and Tools Electrical Tools and Supplies Farm Equipment and Walnut Lumber Green Hills Auction

PUBLIC SALE

OF 7 ACRE FARMETTE, ANTIQUES, FARM EQUIPMENT & TRACTORS

HEIDELBERG TOWNSHIP — LEBANON CO.

SAT., MAY 22, 1982

SALE TIME 10 A.M REAL ESTATE 2 P M

Located along Rt. 501 (Between Brickerville & Schaefferstown near Boy Scout Camp) Heidelberg Township, Lebanon Co , PA

7 ACRES (More or Less) WITH STREAM

1½ STORY SANDSTONE DWELLING

with large walk-in fireplace, 4 bedrooms, living room, den, kitchen, dining room, enclosed back porch and laundry area Strom windows & doors Well & pressure system.

SANDSTONE & FRAME BANK BARN

with stable & storage areas. Small Chicken House

This property is located in a beautiful country setting & has many possibilities. Stream. Large fenced-in pasture

Sandstone dwelling with deep window sills, walk-in fireplace.

Plenty of room for horses & other animals. Easy access to metropolitan areas.

Be sure to inspect this property

For information call 1-717-949-6887 or 859-1331.

ANTIQUES & HOUSEHOLD GOODS

2 Oak Dressers, Several Oak Chairs; Arch Back Cane Seat Chair, Maple Rocker; 5 Pc. Waterfall Bedroom Suite; Birdseye Maple Dresser, Blanket Chest; Double Pineapple Bed; 2 Pc Living Room Suite; Pole Lamp, 2 Warm Morning Heatrolas; Maytag Wringer Washer; Portable Washer, Set of 2 John Ruthven "Bird" Plates

HORSE EQUIPMENT

(1) English, (1) Western & (1) Pony Saddles; Pony Harness & Bridle, Pony & Horse Saddle Bags; Horse Harness & Halters, One Horse Sleigh, Sulky; Wooden Wheel Spring Wagon with Seat.

FARM IMPLEMENTS & TOOLS

14 H P I H. CUB CADET TRACTOR — Hydrostatic, Hydraulic Front End Loader (2 Buckets), Mower Deck & Sand Box; I H Disc, I H Plow; I.H. Rake; GRAVELY GARDEN TRACTOR (Snowblower, Mower Desk, Bush Mower, Plow, Sulky & Roller); HYDROSTATIC 12 HP CASE RIDING TRACTOR with Snowblade; Craftsman Rototiller (4½ H.P); Lawn Sweeper, Shop Vac, Columbia Rotary Power Mower, New Idea Manure Spreader; Side Delivery Rake, Post Hole Attachment for Tractor (3 Pt Hitch), Weeder; Seed Planter, 2 Wheel Trailer, 1947 Willy's Jeep (Running Condition), Tractor Spreader, Cement Mixer & Motor, Misc Garden Tools, Wrenches; Misc Hand Tools, Digging Iron, Wright & Pioneer Chain Saws, Table Saw, Wire & Fencing, Tool Cupboard, Wheelbarrow.

TOOLS & TRACTORS TO BE SOLD FIRST.

TERMS BY
IRENE S. KLOPP

T. Glenn Horst, Auct.
Timothy G. Horst, Auct
859-1331
John Gibble, Atty.

Public Sales Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT MAY 15 - 9 A M Public Sale of Real Estate, Antiques, Household Goods, Tools and Coins Located along Fritztown Rd , Fritztown, Berks Co , PA Myrtle Ream Estate T Glenn Horst, Auc tioneer

SAT MAY 15 2 30 P M Public Sale of Cattle Located at the farm, Greensburg, PA Royal Charolais Co

SAT MAY 15 1 P M Public Sale of Cattle Located at the farm, 12 mi north of Butler, PA, on Rt 38 or 12 mi south of I 80, exit 5 Rolling Ridge Farms John Spiker, Auc tioneer

SAT MAY 15 - Public Sale of Weekend or Hunting Lodge Located in Juniata Co , 35 mi northwest of Harrisburg Long Bros Auctioneers

SAT MAY 15 - 9 A M Public Sale of Frick Trac tion Engine, Gas Engines, Fordson Tractor Collec tion, Saw Mill, Many Tools and Related Parts and Land Located southeast of Reading, PA, along Rt 568, between Rt 10, Green Hills, and Rt 724 Gibralter Wellington Kohl Estate Ted Maurer, Auc tioneer

SAT MAY 15 9 30 A M Public Sale of Early American Furniture, Old Tools, Glassware, Clocks and Doll Furniture Located at 575 Cecil Ave , Perryville, Cecil Co , MD William H Amoss, Auc tioneer

SAT MAY 15 10 A M Public Sale of Real Estate, Household Goods, Anti ques, Tools and Guns Located on Polecat Rd , 2 mi east of Rt 74 at Wag goner's Gap, Perry Co , 8 mi north of Carlisle Clark Brownawell Estate Ki ing's Auction Service

SAT MAY 15 - 9 30 A M Public Sale of Farm Machinery, Household Items and Real Estate Located 7 mi southeast of Mt Pleasantmills, PA or 4 mi east of Rt 104 or 1 mi east of Grubbs Church, Snyder Co Estate of Getrude I Thierolf Hoff man, Auctioneer

SAT , MAY 15 1 30 P M Public Sale of Real Estate Located ½ mi east of Strausstown, along Old Rt 22 in Upper Tulpehocken Twp , Berks Co , PA Marion J Hicks, Owner Paul E Bixler and Gerald G Kramer, Auc tioneers

SAT MAY 15 10 A M Public Sale of Farm Machinery Located in the vicinity of Nimble 3 mi west of Mehoopanny and PA Rt 87, 10 mi west of Tunkhannock via U S Rt 87 Lawrence H Place, Owner Merton L Bun nell, Auctioneer

SAT MAY 15 10 A M Public Sale of Household Goods, Antiques, Quilts and Tools Located at the Goodville Fire Co , in the village of Goodville, PA, along Rt 23 Goodville Fire Co

SAT MAY 15 9 A M Public Sale of Real Estate, Household Items, An tiques, Farm Tools and Equipment Located on Park Rd , ½ mi south of Winfield, PA, 1 mi west of Rt 15, 60 mi north of Harrisburg, Gerald and Gloria Cresswell, Owners Neil S Moyer, Auctioneer

MON MAY 17 10 A M Closeout Auction Located at 317 319 Bridge St Phoenixville, PA Phoenix Supply Co Inc Ted Maurer, Auctioneer

MON MAY 17 6 P M Public Sale of Antiques and Household Goods Located along Woodcrest Dr , Rt 322 east of Ephrata to Hahnstown Rd , turn left onto Glen wood Dr 1 mi to Wood crest Dr , Ephrata Twp , PA Calvin Young and Roy Horst, Owners T Glenn and Timothy G Horst, Auctioneers

MON MAY 17 10 A M Public Sale of Antiques, Furnishings, Tractors, Boat, Jeep, Generator and Tools Located at R D 2, Pennsburg, at intersec tion of Upper Ridge Rd and Finland Rd Mr and Mrs Frederick A Riedel, Owner Sanford A Alderfer, Inc , Auc tioneers

TUES MAY 18 Public Sale of Line Equipment and Trucks Located in Dublin, OH Vilsmeier Auction Co , Inc 215 699-5833

TUES MAY 18 9 30 A M Public Sale of Shop Equip ment and Office Equip ment Located 325 Mulberry St , York, PA, off Rt #30 Sherman St south Pinecrest Interna tional Inc Owner Blaine N Rentzel Auctioneer

WED MAY 19 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

WED MAY 19 Public Sale of Trucks and Trailers Located in Elkton, MD Vilsmeier Auction Co , Inc 215 699-5833

WED MAY 19 7 P M Public Sale of Real Estate Located along Ridge Ave , between Glenwood Dr and Ebersole Rd , East Cocalico Twp , Lanc Co , Pa John S and Marie M Weaver, Owners T Glenn Horst, Auctioneer

WED , MAY 19 7 P M Public Sale of Real Estate Located in Halifax, 5 mi north of Halifax, along Rt 225 or 4 mi south of Elizabethville along Rt 225, 25 mi northeast of Harrisburg, PA on Rt 225 Estate of Marian and John A Hoffman Ed Shoop, Auctioneer

WED MAY 19 10 A M Public Sale of Antiques Located at Morgantown Fire House, Morgantown, PA, at corner of Rts 23 and 10 or just 1 mi east of Morgantown Farmers Market Ken Moyer, Auc tioneer

THURS MAY 20 Public Sale of Line Equipment and Trucks Located in Jackson, Michigan Vilsmeier Auction Co , Inc 215-699 5833

THURS MAY 20 - 10 A M Public Sale of Farm, Cat tle and Farm Equipment Located between Boyer town and Oley, ½ mi west of Pleasantville Kevin Hertzog, Owner Ralph W Zettlemoyer Auction Co

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CUMB. CO. 52A. FARM

PUBLIC SALE

VALUABLE REAL ESTATE
THURSDAY EVE., MAY 20
TIME: 6:00 P.M.

Located 2 miles West of Boiling Springs or 2 miles East of Mt. Holly Springs. Along the Boiling Springs-Mt. Holly Springs Road.

VALUABLE REAL ESTATE:

Situated in Cumberland County, South Middleton Twp. A farm containing 52 acres, more or less, with approx. 4100 ft. of road frontage. Having thereon erected a 2½ story frame dwelling, containing 7 rooms, with full bath, oil hot water heat, other modern conveniences. Bank barn, wagon shed, large 3 car garage, plus other out buildings. This property also having city water and natural gas line

Possible of sub-division as follows:

Tract #1 - consisting of 32.866 acres.

Tract #2 - consisting of 4.631 acres and all buildings.

Tract #3 - consisting of 11.234 acres

This property is located near PPG and the Holly Milk Processing Plant. Very desirable farm with good location. To inspect real estate call: 258-3338 or 258-3349.

Terms of Real Estate: 10% down the day of sale, the balance due in 30 days. The seller reserves the right to reject any or all bids.

Property will be offered as 3 separate parcels, also as 1 complete tract. Sale to be held on the above location.

ESTATE OF:
ALBERT WHITCOMB
Wm. Duncan, Attorney
Roy Gottshall, Auctioneer
717-258-6222

AUCTION

ANTIQUE FURNITURE, COLLECTABLES, GUNS, FURNISHINGS & TOOLS

For: Dr. & Mrs. Bernard Greene & Mr. & Mrs. Kenneth Kepner. At: Skippack Firehouse, Rt. 113 (¼ mi. So. of Rt. 73) Skippack, Pa.

THURSDAY, MAY 20, 1982
10:00 A.M.

Sale will begin w/Collectables & Tools, Guns at 11:30, followed by Doll Furniture.

ANTIQUES - Federal Banquet Table, painted Kas, Dutch Cupboard, Grandfather's Clock, Cottage Bureaus, 9x13 Oriental and 9x12 Hammadin Rug, slantfront Secretary Bookcase, ½ spindle Settee, Blanket Chests, Dough Trough, Wicker Morris Chair, Dry Sink, Library Table, Mahogany single pedestal claw ft. table, piano stools, Oak secretary, child's high chair, German Cuckoo Clock, Seth Thomas Mantel Clock, marble mantel, Brass umbrella stand, Brass footrail from saloon, 2 candy cases, bread case, early tins, 6 ladderback chair, farmer's boiler, ladles, pots, fireplace equipment, Dietz auto lights, medicine cabinet, Oak file cabinets, Oak bookcase, woodbox; Singer, Domestic, & New Hope Sewing Machines - hand, foot & electric from 1886, several oak cases; Wheeler hand op. leather stitcher, Brass lamps, Dinner Bell, Jap. Lacquer Table, frames, Wallace Nutting, Jap. Art Work, Hudson River School Painting prints, Civil War Drum, GONE WITH WIND Lamp, Jardineers, early erector set.

DOLL - Grade S. Putnam Bisque head Bye-Lo Doll, cloth body, celluloid hands.

CHINA - Leeds, Staffordshire, Bavarian, Bisque, Nippon bowls, hair receiver; figurines, Currier & Ives Limited edition plates, Austrian portrait plate, Noritake Dinner Set (Barbara pattern), Franciscan "Desert Rose" pcs., Redware, Stoneware.

GLASS - 36 pc. Set Javit Crystal (goblets, sherberts, cocktail), crystal bowls, pitcher & decanter, Lady Victoria Stemware, Canoy Jars, misc. pressed & pattern glass, depression.

FURNISHINGS, APPLIANCES, & MISC. - 6 piece Oak bedroom suite, sofa bed, maple bookcase, kitchen set, Admiral side-by-side Refrigerator-Freezer, Singer Sewing Machine, Airtight Wood Stove, Frigidaire frost-proof Refrigerator, misc. beds, chairs, misc. kitchen items, yard furniture; Rogers, Sheffield Silver Plate items, Pewter.

GUNS - Ansley H. Fox 12 gal. dbl. bbl. Shotgun Grade A or AE, Colt Arms .25 cal. auto. Pistol, Colt Revolver, H & A 38 cal. safety police, S & W .22 cal. short bl. power pistol, Winchester mod. 94 32 cal. Win. Special, Remington mod. 121 pump Fieldmaster .22 cal. rifle, Ithaca mod. 37, 16 ga. pump; Texan 12 ga. 9 shell Turret Reloader, misc. knives, bayonet, etc.

OUTBOARD MOTORS - Mercury Super 10 & Arro 4 H P., misc. fishing items.

TOOLS - Craftsman Tools include Radial Arm Saw, Lathe, Band Saw, and Grinder; vise.

TERMS - CASH LUNCH

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike (Rt 113)
Box 1, Harleysville PA 19438
215-723-1171 or 256-8892

PUBLIC SALE

FARM EQUIPMENT & TRUCKS
THURSDAY EVENING, MAY 20, 1982
4:30 P.M.

LOCATED: 1 mile north of Manchester, Pa. (York Co.) along Rt. 181. Turn in *black top road at White Rock.*

FARM EQUIPMENT

Int. 966 Diesel w/wide front & 3 pt., Farmall 656 w/3 pt. & N.F., Allis Chalmers 185 Diesel w/3 pt. 1272 hrs., Farmall 400 Gas w/2 pt., Int. 300 Utility w/33 Int. Loader, Cub Cadet mower Hydrastatic, (needs work). Int. 715 Diesel Combine w/Grain Head & 4 row Cornhead 891 hrs., w/510 Int. Grain Drill w/Double Disc Opener, Int. 400 Cyclo 4 row NoTill Planter w/hydraulic drive & Gandy attachments, Miller Off Set Plowing Disc, Int. 37 Disc Harrow, Brillion Cultipacker, 9 tooth Chisel Plow, Int. 4 row Stalk Chopper, Int. #8 Flail Chopper, Int. 540 - 4x16 Semi Mtd. Plow, Case Roto Bar Rake, Int. 990 Haybine, Int. 47 Baler w/Thrower, New Idea 213 Manure Spreader w/Gate, Int. 1250 Grinder Mixer, J.D. 38 Harvester w/2 row head, Badger 8700 L Tandem Axel Honey Wagon, Little Giant 40' elevator, 2 Thrower wagons with grain sides & dumps, 3 Gravity wagons, Flat wagon w/hoist, Century Trailer Field Sprayer, New Idea 3 pt. Spenner Spreader, 3 pt. heavy duty Scraper Blade, 2 Bulk Feed Tanks, Portable Grain Augers.

TRUCKS

1969 Int. Model - 1600-V w/14 ft. Grain Dump & G.V.W. of 19,700. 1974 Int. Model 1700 w/14 ft. Grain Dump & G.V.W. of 23,660.

AUCTIONEER'S NOTE: This equipment is in very good condition & was well cared for, not many small items.

TERMS: CASH OR GOOD CHECK

Sale Conducted For:
PRODUCTION CREDIT ASSN.
AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-6412

AUCTION SALE

ANTIQUE TRACTORS & TRUCKS
FARM IMPLEMENTS

Pursuant to proper authority, the undersigned Personal Representative in the Estate of Kenneth R. Plew will sell at Public Auction the following personal property on

SATURDAY, MAY 22, 1982
Beginning at 3:00 P.M.
Back Bone Road, Eden, Md.
(Somerset County)

1936 John Deere A. This is the first A every sold by V.V. Hughes & Sons and was sold to B. Frank Adkins, Sr., Cosquay Farm, Hebron, Md. and delivered on Feb. 10, 1936 to Mr. Adkins. This tractor is in excellent running condition, SN 418765, on rubber. 1938 John Deere A. SN470684, original owner. Purchased by Mr Plew on April 1, 1938. Excellent running condition. Steel rear wheels w/push blade. John Deere A, serial no. not readable, good running condition. John Deere A (parts) SN486415, late model, light and generator. 40 blade Kewanee transport disc, 1941 Chev. 6 wheel truck w/2 speed rear, in good condition. 1957 Ford 6 wheeler w/sleeper chassis. 1962 Mack F600 (diesel) triple axle w/20' enclosed body. Running when parked. 1969 Nova V8 350. 1959 Chevrolet station wagon (parts). Pair John Deere A wheels w/rubber tires. 4 wheel horse drawn running gear. Corn sheller w/gas engine. JD 150 gal. fiberglass sprayer Model 29B. Chain hoist. JD - A parts. 28 blade JD pull type disc. 2 McCormick fodder cutters (antique). International 4 row plate planter w/Gandy attachment

Directions: From Salisbury, Md. take U.S. Route 13 South of Eden, Md. to Peggy Neck Road, turn left, go 2 miles to Back Bone Road, turn left go ½ mile, sale on left.

Terms of Sale: Cash on day of sale. Checks will be accepted from residents of the Delmarva Peninsula when drawn on a local Bank. All others must be accompanied by a current Letter of Credit.

RUSSELL P. GLASGOW
Personal Representative
Pete Richardson Auction Sales
Pete Richardson, Acutioneer/Sales Mgr.
Phones (301) 546-2425, 742-6220

ANNUAL HEIFER SPECIAL

SATURDAY, MAY 22
10:00 A.M.
at
NEW HOLLAND SALES STABLES, INC.
New Holland, Penn.

1000 HEAD HOLSTEIN HEIFERS 1000

All ages, small calves up to close springers and fresh heifers

Several consignments of open heifers will be sold in lots according to size and age.

Many breeding age heifers. Many big strong heifers due for Summer and Fall freshening. Some identified Grades from AI bulls. Also breeding age bulls.

Many animals calfhood vaccinated.

Note to consignors - Please have heifers TB and Blood Tested within 30 days of sale for interstate shipment.

As always ..we will have many out of state buyers

Also have vet checked and breeding information along with heifers at Sales Barn Friday before sale.

For more information contact

NORMAN KOLB 717-397-5538

or

ABE DIFFENBACH 717-354-4341

Trucks available for long distance. Nearby motels. Note: Registered Heifers Sale, Saturday, June 5 at 10 A.M.

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

THURS, FRI AND SAT 1AY 20, 21 and 22 9 30 A M Public Sale of Carriages, Sleighs and Antiques Located at Martins Sales Pavilion 2 mi east of Intercourse, PA on Rt 340 and 4 mi south of New Holland Lancaster County PA 11th Annual Auction Martin Auctioneers, Inc

THURS MAY 20 10 A M Public Sale of Dairy Farm Farm Equipment and Dairy Herd Located between Boyertown and Oley 2 blocks west of the village of Pleansantville turn off Rt 73 onto blacktop north to 1st lane right to farm Berks Co PA Kevin L and Lois A Hertzog, Owners Ralph W Zettlemoyer Auction Co Inc

THURS MAY 20 4 30 P M Public Sale of Farm Equipment and Trucks Located 1 mi north of Manchester, PA York Co, along Rt 181, turn in black top road at White Rock Production Credit Assn, Owners Blaine N Rentzel, Auctioneer

THURS MAY 20 6 P M Public Sale of Real Estate Located 2 mi west of Boiling Springs or 2 mi east of Mt Holly Springs along the Boiling Springs Mt Holly Springs Rd Estate of Albert Whitcomb Roy Gottshall, Auctioneer

THURS MAY 20 10 A M Public Sale of Antique Furniture Collectables Guns, Furnishings and Tools Located at Skippack Firehouse Rt 113 ¼ mi south of Rt 73 Skippack, PA Dr and Mrs Bernard Greene and Mr and Mrs Kenneth Kepner Owners Sanford A Alderfer Inc Auctioneers

THURS MAY 20 7 30 P M Public Sale of Cattle Located ½ mi northwest of Woodsboro, on Rt 550 in Frederick Co Mel Kolb Robert Mullendore Auctioneer

FRI MAY 21 12 Noon Public Sale of Dairy Heifers Located at Dry Run PA Fred and Mike McCartney Owners 7 1 7 3 4 9 2 3 9 3 717 349 7752

FRI MAY 21 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

FRI MAY 21 6 30 P M Consignment Sale of Cattle and Feeder Pigs Keisters Middleburg Auction Sales Inc Rt 522 3 miles East of Middleburg 5 miles West of Selinsgrove Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

FRI MAY 21 10 30 A M Public Sale of Cattle Located ¼ mi west of Quarryville off Oak Bottom Rd 15 mi south of Lancaster Glen and David Fite Owners Shady Lane Dairy Sales Inc

FRI MAY 21 6 30 P M Public Sale of Cattle Located at the Frederick Fairgrounds Frederick MD MD Angus Association Col Mike Jones Auctioneer

FRI MAY 21 1 P M Public Sale of Real Estate and Farm Located 1 mi north of Fredericksburg Lebanon County PA from Fredericksburg take Mechanics St to Mountain Dr approx ¼ mi to farm on right Mark E and Marie E Deaven E M Murry Assoc Auctioneers

FRI MAY 21 10 30 A M Public Sale of Cattle Located at the Shady Lane Dairy Sales ¼ mi west of Quarryville off Oak Bottom Rd 15 mi south of Lancaster of 222 Glen and David Fite Owners

FRI MAY 21 7 30 P M Public Sale of Cattle Located 3 mi south of Crystal Spring Fulton Co PA along Rt 915 from Rt 30 follow Rt 915 south thru Crystal Spring to farm traveling north on Int 70 use Town Hill exit take 915 north coming south of Int 70 use Crystal Spring exit take Rt 915 south Roy B Trueax Owner Ralph W Horst Auctioneer

SAT MAY 22 10 A M Grade Heifer Sale at the New Holland Sales Stables Inc 12 miles East of Lancaster Pa just off Rt 23 New Holland Pa Abe Diffenbach Manager

SAT MAY 22 9 A M Public Sale of Household Goods Antiques Tools and Lawn & Garden Equipment Located approx 1 mi north of Stewartstown and 2 10 mi off Rt 24 along Lowe Rd York Co PA Terms by Ida Mae Hersey Robert Sechrist Auctioneer

SAT MAY 22 9 A M Lebanon Valley Christian School Consignment Sale Located north of Myerstown Sylvan Witmer Auctioneer

SAT MAY 22 Public Sale of Antique Furniture and Personal Property Located along Old Rover Rd just off Rt 724 East side of Gibraltor approx 3 mi west of Birdsboro in Berks Co PA Kathryn Bleacher Owner LeRoy S Horst and Paul W Horst Auctioneers

SAT MAY 22 10 A M Public Sale of Cattle and Farm Machinery Located at Pleasant Mount PA Wayne Co on Rt 670 leading to Honesdale Clyde Elts Owner Nerton L Bunnell Auctioneer

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PUBLIC SALE
OF ANTIQUE FURNITURE AND PERSONAL PROPERTY
SATURDAY, MAY 22, 1982
At 10 A.M.

Located east side of Gibralter, 3 miles West of Birdsboro just off Rt. 724 along Old River Road across from Percy Browns Nursery in Berks County, Pa.

ANTIQUE 2 PC. HUTCH DRY SINK

Sideboard with Shelves & Mirror; Round Table with Leaf and 6 Chairs; 1800 Black Tuffed Couch; 1885 Bentwood Arm Chair; Mantel Chime Clock; Large Brass Bed; 3 Antique Drop Leaf Tables; Walnut Bureau with Large Mirror; High Back Glass Book Case with 2 Doors and Drawers 47" x 93"; 2 Rose Half Moon Love Sofas; Antique Chairs & Rocker; Antique Childs Reed Rocker, 85 years old; Reed Back High Chair; Round Pinao Stool; Aladdin Table Lamp; Oak Desk; Oil Lamps; Majestic Radio, doors in cabinet; 5 Drawer Chest; 2 Wooden Double Beds; Gold Frame Mirror.

Gold Picture Frames and Metal Frames; Iceland Ice Box.

LIONEL PASSENGER TRAIN SET

40 years old; Old Wind Up Toys; Race Set, Riding Toys; Bikes; Sleds.

OLD 2 BOTTOM TRAILER PLOW

John Deere Hammermill; 2 Rototillers; Beehive Box & Equip.; Misc. Old Farming Tools; Assorted Old Barn Hinges.

Terms by

KATHRYN BLEACHER

Auctioneers
LeRoy S. Horst & Paul W. Horst
215-445-6181

Not Responsible for Accidents if any should occur

Good's Auction
111 North Maple Ave.
Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

Farm Machinery Sales
First and Third Wednesday of Each Month Jan. through Oct.
Farm Machinery Accepted At Any Time From 7 A.M. to 6 P.M.
Sat. Til 12:00 Noon

No Small Items Will Be Accepted At Any Time. All Small Items Must Be Brought In Day of Sale And Sold Off of Trucks or Wagons.

Positively No Unloading Day of Sale Except Lawn And Garden Equipment, Farm Machinery and Big Equipment.

Tool and Hardware at 9:00
Shop Equipment & Lawn and Garden Equip. at 12:00
Machinery at 1:00

No Household Goods
No Out of State Checks
Selling With 6 Auctioneers

DAVID H. GOOD & SONS
111 North Maple Ave., Leola
717-656-9558

Public Bankruptcy Auction
Valuable Real Estate
47 Acre Farm
FRIDAY, MAY 21
1:00 P M

Located one mile North of Fredericksburg, Lebanon County, Penna From Fredericksburg take Mechanics St. to Mountain Drive app ¼ mile to farm on right.

Farm consists of 47 acres M/L located in Bethel Township, Lebanon County, Pa Thereon erected a 9 room frame farm house with 2 baths, equipment shed, bank barn formerly used as dairy operation handling 100 cows, also could be used as cattle feeding facility, large silo, also large farm pond to south side of buildings take a look at this one at your convenience

Case #1-81-00974
RE: MARK E. DEAVEN & MARIE E. DEAVEN

E.M. Murry Associates

287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626 5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665 2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

TWO DAY PUBLIC SALE
OF FARM EQUIPMENT

At our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Int. 81 at Marion Exit along Rte. 914, on

THURSDAY, FRIDAY, MAY 27-28, 1982
Sales at 9:00 A.M. D.S.T.

SELLING THURS. - TRACTORS - TRUCKS - LAWN & GARDEN EQUIPT. - ETC.

Tractors inc. John Deere, International, Fords, Massey Ferguson, Oliver, Case, Allis Chalmers and others expected, some with loaders. We expect some Industrial Equipment, trucks, lots of lawn and garden equipt., small items of all kinds, hardware, posts and usual run.

SELLING FRIDAY - HAY MACHINES - PICKERS COMBINES — FORAGE AND TILLAGE EQUIPT. - ETC.

Balers, haybines, rakes, mowers, conditioners, forage and flail choppers, blowers, elevators, combines, pickers, grinder-mixers, planters, drills, spreaders, forage and other wagons, plows, disc harrows, packers, sprayers, blades, rotary mowers, post diggers, tires, hardware and bal. of small items. Also on neighbor's farm, M C W Model 255A continuous flow grain dryer, 250 bu. per hour at 25% moisture; 60 ft. grain elev., 6 inch; 19,000 bu. grain bin. 36 ft. across, 7 rings high, with fan and clean out auger.

ATTENTION FARMERS AND DEALERS - Bring in your equipt. for this our 37th Anniversary Sale. Next sale will be one day only June 24. No equipt. with liens accepted unless we are notified. Open daily 8:00 A.M. to 5:00 P.M., Sat. 4:00 P.M., 7:00 P.M. eve before sale. Closed Sundays.

Terms Cash or Good Checks; Identification required for Byer's No's. Breakfast and lunch available.

RALPH W. HORST, Manager
Marion, Pa. 17235
Phone: 717-375-2824

Rentzel, Wolgemuth, Upperman, Bohrer, Speicher, Gossert, Harry, Auctioneers

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EVENING MILKING HERD DISPERSAL

The undersigned will sell all milking animals at the farm located 3 miles south of Crystal Spring, Fulton Co., Pa., along Rte. 915. From Rte. 30 follow Rte. 915 south thru Crystal Spring to farm. Travelling north on Int. 70 use Town Hill Exit, take 915 north; coming south on Int. 70 use Crystal Spring Exit, take Rte. 915 south, on

FRIDAY EVE., MAY 21
Sale at 7:30 P.M.

38 HEAD OF GRADE DAIRY CATTLE

36 Holsteins Inc 2 Red and White — 2 Guernseys. Health charts furnished, herd includes several recently fresh, many due May, June and August, others in various stage of lactation, 4 heifers due around sale time. Most were raised on this farm and are A.B.C. sired or from bulls by A.B C. sires. Sires include Milk and Honey Ivanhoe, Snowman, Pat Knight, Gay Ideal, Willow Maple Superb, etc Bred animals carry A.B.C. service except 4 heifers. Cattle here that should do well for buyers.

Terms Cash or Good Check; Sale under cover

Owner
ROY B. TRUEAX
Phone: (814) 735-4640
R. 1, Box 25, Crystal Spring, Pa.

Ralph W. Horst, Marion, Pa., 17235, Auctioneer

WHITE ROCK ORCHARDS & FARM EQUIPMENT DISPERSAL

Located 1 mile north of Mont Alto, Franklin Co., Pa, or 1 mile south of Pond Bank, short distance east off Rte. 997 along Leedy Station Road. From Rte. 30 follow Rte. 997 south thru Pond Bank, from Waynesboro follow Rte. 997 north, watch for sign at Leedy Station Road on

SATURDAY, MAY 22
Sale at 9:30 A.M. D.S.T.

4 TRACTORS -- FARM EQUIPMENT

Ford 9000 Diesel, good cond, fully equipped, Ford 3000 Diesel, Ford 2000 gas with loader; Case 430 Diesel, low profile, exc cond.; 1953 GMC truck with steel bed, Int. 56 planter, 4 row, good cond., 2 row 3 pt planter, Miller and Bush Hog heavy disk harrow; Ford offset rotary mower, Woods 10 ft rotary for parts; Woods 10 ft offset rotary mower, 3 pt offset disk, 3 pt harrow, 3 pt blade; 3 pt scoop; 6 offset rotary, Case 3 pt mower, Glencoe 10 ft soil saver, like new, Ford 3 pt cults., Int H-M cults, 4 disk plow, Grove wagon and flat, Ford tiller, Ford 3 bottom plow for parts, Mayrath elev parts, old steel wheel drill, old sprayer, Bush and Bog disk, trailers, high wheel cart, P T O Lely fert spreader, Century 300 gal sprayer, 3 pt score out plow, horse cult

ORCHARD EQUIPT. -- SNOWMOBILE -- TOOLS -- ETC.

Edwards Hydro Tree ladder, pruners; 3 pt hitch compressor for pruning, hand pruners, pruning baskets; Hardie 500 gal sprayer, Ford ind engine, rebuilt recently, Myers 500 gal. Diesel motor sprayer, good, old P T O sprayer, Market Maker fruit grader, 22 bu bin dumper, roller track, 3 front mount fork lifts; crate dumper; hand carts, 5 new 18 ft aluminum ladders, wood ladders and step ladders of all sizes picking baskets, 120 apple bins, staple machine for card board boxes, lot of bushel lids, lot of 46% Urea, calcium nitrate, oil and other furnaces, drums and oil, bin trailer, old axles and motors from sprayers, old GMC truck parts, Lincoln 225 welder, lot of misc tools and grease guns, elec motors, grindstones, old drill press, steel chests, steel tanks, White steam cleaner, kero stove, 500 lb platform scales, 1100 gal Snyder flat bottom fiberglass tank, A M F snowmobile with forward and reverse, many other items, iron

AUCTIONEER'S NOTE A lot of items in this sale inc good tractors and some good equipt Something here for everyone Don't miss it

Terms: Cash or Good Check; Lunch at sale; Part of sale inside.

For information call Mike Hair during business hours at 717-352-7360

WHITE ROCK ORCHARDS AND FARM
BY WHITE ROCK INC.

Ralph W. Horst,
Marion, Pa. Auctioneer

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT MAY 22 10 A M Public Sale of Antiques Collectibles, Taufscheins, Indentures and Household Goods Located at N 3rd and Gilbert Sts in Halifax PA, 20 mi northeast of Harrisburg, PA on Rts 225 and 147 Estate of Velma and Charles Hoover, Ed Shopp, Auctioneer

SAT MAY 22 Public Sale of Line Equipment and Trucks Located in Indianapolis, Indiana, Vilsmeier Auction Co , Inc 215 699 5833

SAT MAY 22 12 Noon Public Sale of Real Estate, Antiques and Household Goods Located in Grill PA Howard E Hilbrush, Exec Green Hills Auction

SAT MAY 22 10 A M Public Sale of Farmette, Antiques, Farm Equipment and Tractors Located along Rt 501, between Brickerville and Schaefferstown near Boy Scout Camp, Heidelberg Twp , Lebanon Co , PA Irene S Klopp, Owner T Glenn and Timothy G Horst, Auctioneers

Sat May 22 9 30 A M Public Sale of Goats Fowl, Rare Animals, Farm Machinery Old Gun and Household Located in Mifflin Co , 10 mi west of Burnham, PA exit off Rt 322 on Ferguson Valley Rd or 4 mi east of McVeytown, PA Arthur Sheaffer, Owner Mark Glick, Auctioneer

SAT MAY 22 Public Sale of Farm Machinery and Tractors Located in Carlisle, PA Merle E and Gene Miller, Owners King's Auction Service Mgrs

SAT , MAY 22 9 A M Public Sale of Real Estate Antiques, Collectibles, Misc items, Generator and Coins Located between Berrysburg and Millersburg, PA 1 mi south of Rt 25 on T556 Municiple Rd Hannah H Riland, Owner Dockey and Dockey, Auctioneers

SAT MAY 22 10 A M Public Sale of Real Estate, Antiques, Household Items and Tools Located off Rt 850 in Marysville turn onto Broad St Estate of Mary E Depugh Carol Burruss, Auctioneer

SAT MAY 22 9 A M Public Sale of Farm Equipment, Antiques, Household Goods and Tools Located at 195 Old Fritztown Rd , Sinking Spring, Berks Co PA Virginia R Fisher Owner Kenneth P Leiby, Auctioneer

SAT MAY 22 9 30 A M Public Sale of Farm Equipment and Household Located near the village of Irishtown, PA, from Hanover, PA take Rt 94 north to Spring Hill Gardens and turn left on road to New Oxford Go to State shed turn left or from Rt 30 in New Oxford go south on Hanover St to State shed and turn right, go approx ½ mi to sale Emma C Laughman, Owner Dennis J Plunkert, Auctioneer

PUBLIC AUCTION

SATURDAY, JUNE 5

9:30 A.M. SHARP!

The undersigned, located on Route 34, Perry Co., Pa., between Shermansdale and New Bloomfield, ½ mile South of Mecks Corner (Next to Kitner Bros. Contractors), will sell the following:

13 PARCELS OF REAL ESTATE - 1:00 P.M.

Parcel #1 - Daniel Kitner Property:

Located in Carroll Twp., 5.8 Acres with large Brick Rancher (2 bedrooms, bath, att garage, full basement, hot water heat, fireplace), Small barn & Garage; Several other outbuildings - Beautifully located with large trees and shrubs

Parcel #2 - Former Kemrer Property:

Located in Carroll Twp , adjoins Parcel #1, 45.4 Acres all wooded and planted with Scotch Pines-Has some good timber - Recorded Right-of-way.

Parcel #3 -

Located in Carroll Twp., adjoins Parcel #2, containing 36.9 Acres, all wooded - Joins Route 34 near Mecks Corner.

Parcel #4 - Former Nickel Property:

Located in Carroll Twp., Recorded in Deed Book 148, pg. 142 - All wooded with Good Timber - 185.9 Acres with road frontage on 044 State Road

Parcel #5 - Sandy Hollow Property:

Located in Carroll Twp., containing Four lots - All Wooded - Lot #1 - 18 8 Acres; Lot #2 - 14.2 Acres; Lot #3 - 17 5 Acres; Lot #4 - 29.4 Acres; All Lots are wooded and have road frontage on Sandy Hollow Road.

Parcel #6 - Former Haas Property:

Located in Penn Twp. - All wooded; Lot #2 - 26.5 Acres - Rec. Deed Bk. 139-Pg. 536; Lot #3 - 22 Acres 50 perches more or less - Wooded - No Written Right-of-way - Deed Bk. 139 Pg. 536; Lot #4 - 25 Acres 94 Perch - Wooded - No written right-of-way - Deed Book 139, pg. 536.

Parcel #7 - Former Gamber Property:

Penn Twp., 10 Acres more or less - Wooded, No written right-of-way, Deed Bk. 154 Pg. 139.

Parcel #8 - Former Gelbaugh Property:

Located in Wheatfield Twp., containing 51 Acres more or less, rec. in Deed Book 123, pg. 74. No Written right-of-way.

FOR MORE INFORMATION ON ANY PARCELS OF REAL ESTATE CONTACT: Harry Kitner, 717 582-2969. Usual Terms to Be Announced Day of Sale.

ANTIQUES - GUNS - HOUSEHOLD GOODS - MONEY & COINS

Model 12 Winchester - 16 Ga.; 20 Gauge Single Barrel; Mossburg 22 Semi-Automtic; 12 Gauge Single Barrel; Zenith Remote-control Color TV-(Very Good); Oak Table with Boards; Haines History of Perry Co.; Several Rocking Chairs; Antique Clothes of All Descr.; Zenith B&W T.V.; Chest of Drawers; 3 Mantle Clocks; 2 Gun Cabinets; Indian Head Pennies; 20 Dollar Gold Certificate; Silver Certificates; Wheat Pennies; Other coins; I.H. Chest Deep Freeze; Hot Pt. Elec. Stove; Old Post Cards & Stamps; Tin-type Photographs; Several Straight Chairs; 2 Victrolas & Records; Several Trunks; Oak Bedroom Suit; Large Cedar Chest; G.E. Dishwasher; 2-10 Gal. Crocks, Other Jugs & Crocks; Milk Cans; Shoe Lasts; Stillyards; Very Good Small Wood Stove; China Closet; 2 Coffee Grinders; Westinghouse Self-def. Refrigerator-(Coppertone); Asst. of Picture Frames; 2 Treadle Sewing Machines; Clothes Trees; Zenith Battery-oper. Radio; Library Table; Wooden Commode; 2 Single Beds; Fancy Aladdin Lamp with Shade; High-back Dresser with Mirror; Wooden Barrels & Kegs; Violin & Case; Overstuffed Chairs & Couch; Antique Dishes of All Kinds; Wash Stand; Oak Stands; Desk; Electrolux Vacuum; Kitchen Appliances; Drop-leaf Table; Chrome Breakfast Set; 9x12 Rug; 12x12 Rug; Usual Household Dishes, Pots & Pans.

LAWN TRACTOR - FARM MACHINERY & TOOLS - SAFE

400 lb. Steel Safe; I.H. Pull-type Lawn Sweeper; Ford 2000 Gas Tractor-Like New; Souder Front-end Loader; Ferguson 3-pt. 6 ft. Disc; 2-Section Harrow; 3-pt. Wood Saw; Snow blade for front-end loader; 2-2 man Chain Saws; Sears Elec. Saw Gummer; 2 Skill Saws; Wen Zip Saw; 2 Push Mowers; Screw Jacks; Barb Wire; Joiner; Wagon Wheels; 75 Bales of Hay; I.H. 127 Hydro Cub Cadet with 44 Inch Mower-Good Shape; I.H. 7 hp Cub Cadet with Mower; J.D. 415 A - 3 pt. 2-bottom Trip Plow; M.F. 6 ft. 3-pt. Rotary Mower; 8 Ft. 3-pt. Back Blade; 2-wheel tractor Cart; 3-pt. Single-row Cultivator; 30" Tractor Chains; Stationary Wood Saw; Saw Blade; Small Trail Fertilizer Spinner; Saw File for Inserted Tooth-saw; 300 Gal. Skid Gas Tank & Pump, Elec. Chain Saw; 2 Elec. Drills; Rotary Mower; Shovels, Forks, Chains; Lawn Cart; Knife Sharpener for Reel Lawn Mower; Table Saw, Some Horse Harness; Saddle & Bridles; Horse Blankets.

SALE ORDER Antiques, Household Goods, Tools, Machinery, Real Estate - 1 00 P M

I D Required for Bidder's No , Cash or Traveler's Checks Only, Not Responsible for Accidents

DANIEL J. KITNER, SR. ESTATE

Sale By: Kling's Auction Service, Landisburg, Pa.
Gerald Morrison, Attorney

CLOSE OUT SALE

Located at 5302 Woodville Road, ½ mile off of Route 144, midway between New Market and Mt. Airy, Maryland.

SATUDAY, MAY 22, 1982

At 10:00 A.M.

Shop tools, steam cleaner, welding torch and tanks, electric welder, electric drills, etc., lot of peg board, garden tools, new and used tractor tires, hydraulic cylinders, tractor wheel weights, and other miscellaneous items.

At 12 O'Clock - 1975 Ford 350 Truck - AM/FM - Air Cond. with 15 ft. Grove roll back body - New tires.

12 TRACTORS: 9 N, N15, Jubilee, 600 Fords, Farmall 400D, M's, 240 with plow, cultivators and mower, John Deere M with plow and cultivator, MF 135, 24 ft. goose neck stock trailer, Jubilee Ford, 8N Ford, Ferguson 30, H for parts, lots of other parts. Also 3 riding lawn mowers, and 3 push mowers.

Approximately 100 pieces of 3 pt. equipment new and used including plows, cultivators, discs, rotary mowers, post hole diggers, grader boxes, stone rakes, blades, seeders, tillers, cycle mowers, wood saws, fertilizer and lime spinners, corn planters, Farmall Cub plows, cultivators, harrows, blades, some 2 pt. equipment, 268 N.H. baler, rakes, wagons, pull plows, disc, and harrow, 3 manure spreaders (1 Cub), batch hopper with scales, 3 trailers (2 wheel), grain bin wagon, 818 N.H. chopper, NH 33 and JD 16 A flail choppers, 4 row 3 pt. cultivators, 1050 McD grinder, NI corn picker, mixer mill, and many other items too numerous to list.

PAUL'S TRACTOR SALES
Mt. Airy, Maryland 21771
Ph. 301-829-2060
Auctioneer: Edgar A. Bohrer
304-229-8354
Not Responsible for Any Accidents On Premises

PUBLIC AUCTION

OF VALUABLE REAL ESTATE, JEEP, MOTORCYCLE, FARMALL CUB, FARM MISC. AND PERSONAL PROPERTY, ETC.

SATURDAY, JUNE 12, 1982

AT 10.00 A M

Located from Red Lion South on Rt 74 at Godfreys t/l on Brukholder Rd go to New Bridgeville, go straight on Rt 425 South apx 6 miles property on right Corner of Rt 425 and Kline Rd Sign posted. Chanceford Twp , York Co , Pa

1 P.M. REAL ESTATE 1 P.M.

Apx 4 acre Farmete beautiful 2 1/2 story home frame w/alum siding asphalt roof attic for storage 3 bedrm up beautiful large bath up living rm w/stone fireplace dining rm w/modern kitchen 1/2 bath down stairs full bsmt for storage This home is beautiful inside and out barn w/stalls for horse overhead storage 1 car garage and more chain link fence around house & board fence for the horses this is as nice of a farmette you will find For appt call 246 1970 Home will be open for inspection May 15 1982 & June 5 1982 from 10 2 Mortgage assumption possible from York Federal call for details Terms 10% down balance within 45 days other terms given day of sale

JEEP & MOTOR CYCLE

1974 Jeep 4 W D 1/2 ton pick up truck 6 cyl 3 spd 39 000 original miles 1972 Honda 350 CB 13 000 miles w/fairing twin seat new chain new tires & battery and saddle bags Both run good 1957 Buick Roadmaster needs motor

FARM MISC., ETC.

International Farmall Cub has hydraulics and power take off unit Attachments 6 roller water pump 1 1/2 bushel board caster 1 bottom plow 2 section disc hire snow plow 5 ft mower deck flat belt pulley single wheel wagon tire chains Troy 5 H P Rototiller 3 yrs old 7 H P Simplicity riding mower w/new motor and chains Fricks Saw Mill 56 blade w/International Gas V8 power supply N I 20 ft elevator N I feed wagon w/auger N H Hammer Mill belt drive (Good) Hay wagon Steel wagon Jacobson 2 1/4 H P mower 3 H P mower heavy duty electric weed eater small Remington chain saw 2 wheel barrows old tobacco shredder garden seeder misc garden tools auto clay bird thrower 2 camp stoves Sears Best Kenmore portable heavy duty Dishwasher w/power mist and cutting board feather recliner sweeper umbrella for picnic table small fire proof box lawn chairs 8 track tape case animal cage for traveling old table drill press old rope fed upright freezer rel rabbit pen hog fence small dinner bell large house type hot water or steam boiler (new & never used) some items on wagon sold first plus much much more please come early

by
BRADLEY W. & CHRISTINE M. LUDWIG

Bradley K. Smith,
Auctioneer 244-6324

Terms: Cash or Good Check
Not Responsible For Accidents On Day of Sale

PUBLIC SALE

OF REAL ESTATE AND PERSONAL PROPERTY

SATURDAY, MAY 22, 1982

At 10:00 A.M.

Located in Joanna, Morgantown, R.D. #1. From Rt. 10 take Joanna Rd. to Elverson Rd., turn right to property.

REAL ESTATE AT 11:00 A.M.

4 bedroom Cape Cod w/stucco, Mod. eat-in kitchen. Full basement; OHW heat; Nicely landscaped on 1 acre lot. TERMS: 10% down day of sale, settlement within 45 days.

PERSONAL PROPERTY

Gilson 8 hp tractor w/mower, 3 yrs. old; Lawn Boy self-propelled push mower; appliances; furniture; old dishes; misc. tools; many items not mentioned.

Terms by:

JOHN J. & SARA STOLTZFUS
Linda Kling, Attorney
Elton & Alvin Horning, Auctioneers
215-286-5183

PUBLIC SALE

Located 7 miles south of Carlisle, PA on Route 11, or 3½ miles north off I-81 at Newville Interchange on Route 11, then 2 miles east on Stone House Road.

SATURDAY EVENING, MAY 22, 1982

At 7:00 P.M.

110 HEAD OF FEEDER CATTLE 110

Consisting of beef type steers and heifers including Charolais, Hereford, Angus, Holstein, Limousin cross and other good cross breds.

Cattle are all home raised with good quality and weighing approx. 200 to 700 lbs.

20 Head of open and bred Holstein heifers.

Some machinery to be sold on consignment and will be selling first. Small elevator, J.D. disk, International flail chopper, manure spreader.

Terms: CASH - Not Responsible For Accidents

LEWIS R. FINK
269 Stone House Road
Carlisle, Pa. 17013
Telephone: (717) 249-3224
Auctioneer: Robert C. Mullendore
Clerk: C.L. Metz
— Cattle Sale Held Under Roof —
Lunch Available

PUBLIC SALE

OF FULL LINE OF GARAGE EQUIPMENT & TOOLS, AUTO. ACCESSORIES

SATURDAY, MAY 22

8:30 A.M.

Located in rear of 132 Broad St., Salunga, Pa.

Atlas 3' bed metal lathe, like new, drill press w/floor stand, honing machine, elect. welder, bench grinders, brake rivet machine, ½ ton elect. chain hoist, porta. power set, 8 ton hyd. press, Hunter wheel balancer, elect. drills, 1½ ton hyd. floor jacks, transmission jack, heavy duty socket set, snap on tools, all kinds of small tools, Lincoln grease gun, light machine, air jack, plug cleaner, valve seat grinder & refacer, vises, 6 & 12 volt battery charger, torque wrenches, hammers, bolt cutters, body tools, torch outfit, car manuals, some antiques, socket sets, large tap & die set, paint sprayer gun, brake bleeders, drill bits sets, anvil, log chains, trico wiper cabinet & parts, metal filing cabinets, 2 show cases, brass items, steel work benches, metal & wooden desks, elect. motors, misc. tools & parts, lots of new bolts & nuts, tires, wheel pullers, air sander, vac. shop cleaner, old radio, tool cabinet, ignition parts & cabinets, Coke machine, and many other items too numerous to mention. Everything in good condition. Come early. Wagon load of sm items. No out of state checks.

Sale By,
WETZEL'S GARAGE
Harold (Abe) Shaffner 653-5689
Clyde Wolgemuth, Aucts.

Food Stand
Salunga Fire Co.

Public Sales Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT MAY 22 Public Sale of Line Equipment and Trucks Located in Atlantic City NJ Vilsmeier Auction Co Inc 215 699 5833

SAT MAY 22 9 A M Public Sale of Construction Equipment and Supplies Located on Park Rd ½ mi south of Winfield PA 1 mi west of Rt 15 60 mi north of Harrisburg Gerald and Gloria Cresswell Owners Neil S Moyer Auctioneer

SAT MAY 22 11 A M Public Sale of Farm Machinery Located ½ mi northeast of Carlisle on McClure s Gap Rd off Rt 641 at Westminster Cemetary Merle E and Gene Miller Owners Kling s Auction Service

SAT MAY 22 9 30 A M Public Sale of Sheep Located at York Fair Grounds 717 757 9657

SAT MAY 22 3 P M Public Sale of Tractors and Trucks and Farm Implements Located at Back Bone Rd Eden MD Somerset Co From Salisbury MD take U S Rt 13 south of Eden MD to Peggy Neck Rd turn left go 2 mi to Back Bone Rd turn left go ½ mi sale on left Kenneth R Plew Estate Pete Richardson Auctioneer

SAT MAY 22 10 A M Public Sale of Real Estate Farm Antiques Household and Glassware Located taking U S Rt 15 (Business) 7 mi south of Gettysburg PA just after crossing 15 Bypass or 1 mi north of PA MD line turn onto T 329 and continue ¼ mi to sale E Mae Rhodes Owner C David Redding Auctioneer

SAT MAY 22 7 P M Public Sale of Cattle Located 7 mi south of Carlisle PA on Rt 11 or 3½ mi north off I 81 at Newville Interchange on Rt 11 then 2 mi east on Stone House Rd Lewis R Fink Owner Robert C Mullendore Auctioneer

SAT MAY 22 8 30 A M Public Sale of Garage Equipment Tools and Auto Accessories Located at rear of 132 Broad St Salunga PA Wetzel s Garage Owners Harold Shaffner and Clyde Wolgemuth Auct

SAT MAY 22 10 A M Public Sale of Real Estate and Personal Property Located in Joanna Morgantown RD 1 From Rt 10 take Joanna Rd to Elverson Rd turn right to property John J and Sara Stoltzfus Owner Elton and Alvin Horning Auctioneers

SAT MAY 22 9 30 A M Public Sale of Farm Equipment Orchard Equipment Snowmobile Tools and Etc Located 1 mi north of Mont Alto Franklin Co PA or 1 mi south of Pond Bank short distance east off Pt 997 along Leedy Station Rd from Rt 30 follow Rt 997 south thru Pond Bank from Waynesboro follow Rt 997 north watch for sign at Leedy Station Rd White Rock Orchard and Farm Owner Ralph W Horst Auctioneer

SAT MAY 22 11 A M Public Sale of Woodstoves and Misc Located at 2535 North Seventh St Harrisburg PA Schraeder Woodstoves Inc Owners Kerry Pae Auctioneers

AUCTION SALE

COMPLETE LIQUIDATION
WEDNESDAY, MAY 19
at 10:00 A.M.

FOR: Maryland Sand, Gravel & Stone Co. & Lester R. Summers Inc., an affiliate co., to be held at Maryland Sand's yard on the north side of Rt. 40 between Elkton & Northeast Maryland, approx. 5 miles east of the Rt. 40 & Rt. 272 jct. EVERYTHING SELLS TO THE HIGHEST BIDDER.

(7) 74-69 Mack Tractors, Alum. Dump Trailers, Frameless Alum. Dump Trailers, Steel Dump Trailers, Lowboy, Block Trailer, Flatbed Trailers, Const Equip., Dumps & Misc. trucks, Screening Plant Compounds, Pit Scales, Contractor & Shop Tools & Misc equip

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.
Plus Real Estate-to be sold subject to owners confirmation-Approx. 148 acres.
TERMS: 10% Down, 90 Days Settlement. Write or call for descriptive brochure:

Vilsmeier Auction Co., Inc.,
Rt. 309, Montgomeryville, Pa. 18936
(215) 699-5833

ABSOLUTE AUCTION

COMPLETE WAREHOUSE LIQUIDATION FOR SCHRAEDER WOODSTOVES, EUGENE, OREGON
SATURDAY, MAY 22, 1982
At 11:00 A.M.
2535 North Seventh Street, Harrisburg, PA
NEW INVENTORY

Over 100 Woodstoves & Inserts - King, Queen, Prince, Baroness, Baron, Kitchen Ranges, Kombie and Others. 700 Pcs. of Stovepipe and Elbows, 70 Floor Pads, 110 CBR Lincoln Smoke Consumers, Steel Range Tops, 60 Back wall & Floor Pads, 100 Trivets, Coal Shovels, Cook Books, BBQ Grills, Safety Flues, Collars, Sleeves, Brackets, Raincaps, Bands, Flashing, Supports, Spacers and Hundreds of Related Items!

NOTE: Merchandise is in a secured warehouse and can be seen day of sale only. Complete payment & removal required on all merchandise!

SCHRAEDER WOODSTOVES, INC.
Eugene, Oregon
Owners

KERRY PAE AUCTIONEERS
327 North Front Street
Harrisburg, Pa. 17101
717-236-3752

GAP AUCTION

FRIDAY EVE., MAY 21
5:30 P.M.

Located off Route 41 Lancaster Avenue Opposite Turkey Hill Minit Market Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

Approximately 25 old clocks from an estate Names of some. Victorian, Ansonia, Ingraham, Sessions, Waterbury, Gilbert, Welsch, Schoolhouse, Wall, Calendar, Ogee, Mantle & Shelf Clocks.

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.
Call us for pick up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC AUCTION

Farm Equipment-Household
SATURDAY, MAY 22
at 9:30 A.M.

Located near the village of Irishtown, Pa. From Hanover, Pa. take Route 94 North to Spring Hill Gardens and turn left on road to New Oxford. Go to State shed turn left, or from Route 30 in New Oxford go South on Hanover St. to State shed and turn right, go approx. ½ mile to sale.

Due to the death of my husband I, the undersigned, will offer the following:

I.H. Farmall 400 tractor with good rubber and 2-MH corn picker, J.D. "B" tractor and 2 sets of cultivators, Farmall "A" tractor with belt pulley and cultivators, Massey Harris "Pony" tractor with cultviators-plows-and mower, J.D. 32 transport disk, J.D. Model 184 Killefer disk, McDeering 28 disk (needs repair), McDeering L-16 3 bottom plow, 3 bottom disk plow, Brillion 14 ft. transport harrow w/fold up wings, J.D. Model FB 17 Grain drill, 2 McCurdy & 1 Killbros gravity bin wagons, Case Model 200 PTO baler , Oliver Model 82 mower, J.D. hay fluffer, Brillion 10 Ft. cultipacker, Dunham 9 Ft. cultipacker, Brillion 8 Ft. double cultipacker, 3 Pt. 2-row rotary hoe, McDeering Model 33 hay conditioner, J.D. flail chopper, 2-NH manure spreaders (need repair), 24 Ft. Single chain elevator w/elec. motor, 2 Hyd. cylinders, 1964 Ford F-600 cab over engine truck with cattle racks and roof with 2 speed rear and 900-20 tires, David Bradley 2 wheel garden tractor with cultivators-mower-corn planter and furrow plow, Metal and wooden wheelbarrows, potato plows, cement mixer with elec. motor, pony saddles, No. 22 Enterprise grinder, butcher kettles, milk cans, chicken nests, Worthington air compressor with ½ hp motor, lot of hand tools, chains, iron wheels, good 100 Ft. endless belt, platform scales, 30 Ft. wooden extension ladder, and wagon load of small items.

Household

Oak case Grandfather clock 8 Ft. tall w/beveled glass in door, 3 Ft. tall Oak Regulator wall clock, 2 wood case mantle clocks, Old victrola, 3 Pc. Oak bedroom suite, square Oak ext. table, Oak drop leaf table, old butter churn, kitchen cabinet, wooden wardrobe, stands, odd chairs, misc. dishes, glassware, some carnival and depression, kerosene lamps, Pr. brass buggy lamps, old peanut jar, crocks, jugs, jars, iron toys, Speed Queen dryer, softwood chest of drawers, large buffet, pictures and frames and many items far too numerous to mention.

Terms: Cash or approved check. Lunch at sale.

EMMA C. LAUGHMAN
R.D 3 New Oxford
Irishtown
Phone 624-2382
Dennis J Plunkert Auct
Littlestown, Pa

PUBLIC AUCTION

FARM EQUIPMENT, RIDING MOWERS, ANTIQUES, HOUSEHOLD GOODS & TOOLS
SATURDAY MAY 22
At 9:00 A.M.
Located at 195 Old Fritztown Rd., Sinking Spring, Berks Co., PA.

FARM EQUIPMENT & TOOLS Farmall C tractor (good cond.), cultivator 2x14" plow, Int mower, 2 row Int. planter, disk, harrow, side del. rake, manure spreader (on steel), flatbed wagon, land roller, buck saw, 2 hole corn sheller, corn cracker, Gruber wagon wheels, lot of leather harness, hames, trees & other horse gear, grain cradle, Fairbanks platform scale, hog troughs, poultry equipment, rubber tire wheelbarrow, rabbit pens, hand water pumps, wooden ext. ladders, scythe, shovels, forks, chains, plumbing fixtures, wire, workbench & vise, fence posts, grass seeder, lots of lumber & heavy beams, tires, hardware, lots of hand tools & misc. farm items. Craftsman 26" riding mower, Lawn Boy 8 H.P. 30" mower.

HOUSEHOLD GOODS & ANTIQUES: 6 decorated half spindle chairs & spinning wheel rocker, bamboo rocker, gate leg table, arrowback chairs, Maytag auto. washer & dryer, Amana 25 cu. ft. no frost side by side refrigerator, 30" avocado Westinghouse self clean elec. range, kitchen table, single bed w/box spring & mattress, oak dressers, chest of drawers, metal & wooden wardrobes, metal kitchen cabinets, maple crib, 5 pc. purple carnival punch bowl set, pink depression basket, corningware, misc. glassware, sm. elec. appliances, kerosene heaters, inlaid frame mirror, old picture frame, coal buckets, mason jars, crocks, Battle of Gettysburg painting, Xmas decorations, sausage stuffer, lawn mowers & Many other misc items too numerous to mention

TERMS: Cash or PA check day of sale. Refreshments available.

NOTE: Very clean household merchandise.

Sale Ordered By.
VIRGINIA R. FISHER

Auctioneer:
Kenneth P. Leiby
R.D. 2, Box 318
Hamburg, PA 19526
215-562-3929
Rich Brandt Auction Management
215-378-1122

Not Responsible For Accidents

A NATIONAL SALE-AND WHAT AN EXCITING EVENT!

THE MARYLAND NATIONAL ANGUS SALE

FRIDAY, MAY 21
6:30 P.M.
Frederick Fairgrounds, FREDERICK, MARYLAND
SELLING: 70 LOTS - 5 Bulls
65 Females, Many With Calves At Side

CATTLE CAREFULLY AND PERSONALLY SELECTED FROM THE FOLLOWING NATIONALLY RECOGNIZED ANGUS HERDS:

R.E. Lee Andrew, Easton, MD, Arrowhead Farm, Walkersville, MD; Back Acres Angus, Mt. Airy, MD, John Paul Bewley, Thurmont, MD; By Chance Farm, Hume, VA; Conquest Angus, Hallwood, VA, Cottingham Angus, Easton, MD; Edlyn Angus Farms, Glen Rock, PA; Henry S. Hamm, Clarksburg, MD; Homewood Farms, Middleburg, VA; Huntingdon Farm, Alexandria, PA; Little Acorn Farm, Princess Anne, MD; Logan Spring Farm, Bellwood, PA; Mar Lee Farm, Woodsboro, MD; B.S. Matthews, Assawoman, VA; Lori Moxley, W. Friendship, MD, North Creek Angus, Ghent, NY; Oatland Farm, Olney, MD 20832; Orange Gate Farms, Maurertown, VA, Ridgecroft Angus, Bluemont, VA, Rishels Edlyn Farm, Glen Rock, PA; Rocky Forge Farm, Hagerstown, MD; Rolling Acres Farm, Shelocta, PA, 1726 Farm, Lebanon, NJ; Soldier's Rest Farm, Berryville, VA, Stoneylonesome Farm, Stahsltown, PA; Sullivan Angus, Maryland; Twin Post Farm, Princess Anne, MD, James W Weld, Rockville, MD, Wildesen Farm, Uniontown, MD.

5 BULLS

Ready for immediate service, with exceptional individual performance records!

65 FEMALES

They represent the "Who's Who" of the Angus breed! Superb pedigrees, and performance to match!

ATTENTION JUNIOR MEMBERS: Many superior show prospects for 1982 sell!

For your free reference catalog, address.
Tom Burke/Bernie Scheer
-Sale Managers-
American Angus Hall of Fame
Smithville, Missouri 64089
Phone: 816/532-0811
AUCTIONEER: Col. Mike Jones, LaGrange, GA

SALE SPONSORED BY:
MARYLAND ANGUS ASSOCIATION

Augie Velisek, PRESIDENT
Samuel Riggs, IV, SEC.-TREASURER
John R. "Dick" Whaley III, VICE-PRESIDENT
Caryl Velisek, EXECUTIVE SECRETARY

Public Sales Register

Closing Date Monday, 5 00 P M of each week's publication

SAT MAY 22 10 A M Public Sale of Tractors and Misc Located at 5302 Woodville Rd , ½ mi off of Rt 144, midway between New Market and Mt Airy MD Paul's Tractor Sales Owner Edgar A Bohre Auct

SAT MAY 22 12 30 P M Public Sale of Farm Machinery Located 10 mi west of Mifflinburg on Rt 45, go to Rt 235, 1 mi to Laurelton, turn east at Post Office, 1 mi to farm at cemetary Dept of General Services, Owner Clay C Hess and Richard J Moyer, Auctioneers

SAT MAY 22 10 A M Public Sale of Cattle Located on Prospect Hill Rd , Pine Plains, NY DeLaval Research Farm Delos D Luther Auctioneer

SAT MAY 22 10 A M Public Sale of Antiques, Mobile Home, Wagon, Tractor, Guns and Coins Located 1 mi south of Rt 100 and 23 intersection, turn left on Pughtown Rd and watch for signs in Chester Co George Page, Owner Ken Moyer, Auctioneer

SAT MAY 22 11 A M Public Sale of Dishes, Antiques and Lawn Tractor Located south of Little Britain Elementary School from Rt 272 to Little Britain Rd onto Brabsch Rd , Little Britain Twp , 8 mi southwest of Oxford on Rt 272 Owen H and Edna A Groff, Owners J Everett Kreider, Auct

SAT MAY 22 - 10 A M Public Sale of Farm Equipment and Household Items Located from Rt 322, between Hummelstown and Hershey Med Ctr , go south on Bullfrog Valley Rd , past the Alpine to dead end, left onto Roush Rd , right onto Sand Hill Rd , left to 101 Nye Rd Estate of Nancy L Nye Ralph R Wenrich, Auctioneer

TUES and WED MAY 25 and 26 Public Sale of Line Equipment and Elec and Mech Materials Located in Seneca, Illinois Vilsmeier Auction Co , Inc 215 699-5833

TUES May 25 5 30 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Kutt Auctioneer

THURS MAY 27 7 P M Public Sale of 42 6/10 Acre Farm Located along Bicknell Rd , ¾ mi west of Wakefield, 22 mi south of Lancaster, PA Fulton Twp Terms by William and Patricia Skiles J Everett Kreider, Auctioneer

THURS MAY 27 9 30 A M Public Sale of Antiques Located at the Skippack Firehouse Rt 113 ¼ mi south of Rt 73, Skippack, PA Roy Godshall Collection Sanford A Alderfer Inc , Auctioneers

THURS AND FRI MAY 27 and 28 9 A M Public Sale of Farm Equipment Located 6 mi south of Chambersburg, PA, 1 mi east of Marion, just east of Off Int 81 at Marion Exit, along Rt 914 Ralph W Horst, Manager

FRI MAY 28 7 30 P M Public Sale of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA

FRI MAY 28 7 30 P M Public Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA 814 364 9096

FRI MAY 28 1 30 P M Public Sale of Pigs Located at Westminster Livestock Auction, Westminster, MD

FRI MAY 28 10 A M Public Sale of Tractors, Combine, Farm Machinery, Pickup, Buggy, Sleigh and Tools Located at Branch Rd and Schwenk Mill Rd , Hilltown Twp , Bucks Co , Perkasie, PA Estate of R William S and Charles S Nase Sanford A Alderfer, Inc , Auctioneers

SAT MAY 29 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT MAY 29 10 A M Public Sale of Antiques, Collectibles and Personal Property Located 1 mi north of Augustaville, 3 mi south of Sunbury along Rt, 890 in Rockfellow Twp , Northumberland Co , PA Estate of Stella E Wolfe, George and Mike Deibert, Auctioneers

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Consignment Auction
SATURDAY, MAY 22
at 12:30 P.M.

Off Penna. Turnpike exit 10, 15 miles south of Somerset on Route 281, to Kingwood, Pa. watch for arrows.

Tractors

7600 Ford Diesel - 1900 hrs. and other tractors, backhoe.

Farm Equipment

Mowers, rakes, balers, roto mowers, blades, combine, plows, disc, harrow, corn planters, grain drill, gravity boxes, elevators, high lift, forage harvesting wagon. Items may change due to daily business.
Many more items.

Owner
DICK KNEPPER
814-926-2205
Marketon, Pa.
15551

Luce & Stahl
Auctioneers

PUBLIC SALE
SATURDAY, MAY 29
10:00 A.M.

Selling at the Newport High School, Perry Co., PA.

1967 Ford F100 Pickup - Not Inspected-Running (Needs work); Gravely 2-wheel Tractor with Snow Blower; Approx 380 Combination Desk-chairs; Approx. 150 Combination Desk-chairs with formica tops; Several Teacher Desks; Ping-Pong Table; Art Room Tables; Wall Lockers; 4 Water Coolers; 12 Lab Stools; Shower Stalls & Pedestal Showers; Fluorescent Lights; Shop Vac; 18 Oak Doors (Used), Floor Scrubber; Sheet Metal Bender; Speedy Melting Foundery; Step Ladders; Commercial-size Garbage Disposal-Good Cond ; 4 Drafting Tables; Some File Cabinets; 12 Soda Acid Fire Extinguishers; Work Tables of all kinds; S.S. Sink; Air Circulator; Air Compressor without Motor; 13 Sheets Used Masonite; Commercial Food Mixer; Cafeteria Gas Grill; Metal Roller; Metal Windows; 6 Sets Classroom Curtains; Some old Wooden Chair-Desk Combinations.
(MANY MORE MISC. ITEMS TOO NUMEROUS TO MENTION).
I.D. Required for Bidder's No.; Cash or Traveler's Checks Only; Not Responsible for Accidents.

NEWPORT SCHOOL DISTRICT
Owners
Newport, Pa.
SALE BY: KLING'S AUCTION SERVICE
Landisburg, Pa.

OUTSTANDING PUBLIC ANTIQUE AUCTION
WED., MAY 19TH
At 10 A.M.
Morgantown Fire House
Morgantown, PA

Located at corner of Routes 23 and 10 or just one mile east of Morgantown Farmers Market.

Selling super collection spanning 35 years. Furniture: Jelly Cupboard; kitchen Windsors, ladder back, pressed back, cane bottom, drug store chairs; wicker buggy and basinet; oak bureau, walnut commode, fern stands, fainting coach, pie safe, store display cabinets, oak dining table, platform rocker, carpenter box valet and more with early press glass and china, quilts historical plates, platters, sterling and plated pieces with kitchen items such as scales, molds, irons, gagets, picture frames, reverse painting, oils, etching, political buttons, postcards of local interest, early children chairs, doll house rockers, and books with Buddy L, cap guns, Matchbox along with antique cameras and jewelry. A good sale for everyone.

FOR THE BEST IN AUCTION ADVERTISING AND ORGANIZING

KEN MOYER
Auctioneer
"Your Specialist in Auctioneering"
1285 Sheephill Rd.
Pottstown, Pa. 19464
(215) 323-7313

HEIFERS - HEIFERS - HEIFERS

FRIDAY, MAY 21
10:30 AM DST

At the Shady Lane Dairy Sales Inc., ¼ mile West of Quarryville off Oak Bottom Rd., 15 miles South of Lancaster off 222.

THIS SALE CONSISTS OF 350 HEAD, SOME OF THE BEST HEIFERS WE COULD FIND.

A Sample Of What Is Selling:
All Local Lancaster County Farm Fresh Heifers

44 head bred heifers due July to Sept. 20 head from 1 herd with DHIA of 17,000 Milk over 600 Fat, vac.
30 head 1 herd due from July to November. Mostly dark in color with good size, vac.
34 head 17 due July to Sept. 17 open ready to breed, all vac.
23 head 1 herd all due July to Oct.
26 head 1 herd 13 due June to November, 13 open.
15 head all sizes, some bred, all vac.
8 real fancy heifers ready to breed.
10 fancy small heifers from 1 herd.
50 head fancy big springing and bred heifers. The right kid. A few good stock bulls plus 100 head of all size heifers.

FARMERS & DEALERS.....make plans to attend this sale. You will like what you see. 30 day TB and blood tested to go anywhere. We will make every effort to please you. Trucks available any size to go anywhere.

SHADY LANE DAIRY SALES, INC.
QUARRYVILLE, PA.
Glen & David Fite - phone 717-786-2750 or 717-786-1725

DE LAVAL®

Delaval Research Farm Relocating to Kansas City
Delaval Registered Holstein Dairy Dispersal at Auction
SAT. MAY 22
10:00 A.M. Rain or Shine
on the farm Prospect Hill Road, Pine Plains, NY
90 Registered Holstein Dairy Cows and Bred Heifers

Several daughters of Hanover Hill Lucky Shamrock, Simpson Apostle Paclamar Bootmaker Double Triune and Willow Farm Rockman Ivanhoe and Norlean Allstar Pilot. Records in excess of 22,000 lbs. Many from 17,000 and several presently milking over 75 lbs. daily. Herd health is excellent. Others are in exceptionally good condition. All tests up to date. Cattle vet checked for pregnancy.

Terms of the sale: Cash or good check day of sale.

Delos D. Luther Sr.,
Auctioneer/Sales Manager
Wassaic, NY
914-373-8171
373-8045 or 373-8215

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT MAY 29 9 A M Household Goods But cher Equipment Guns Public Sale of Antiques

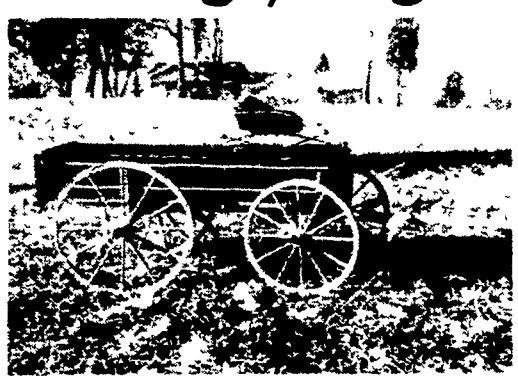
PUBLIC SALE
BENEFIT AUCTION

WEDNESDAY MAY 19, 1982
7 P.M.

in the village of Bart - Georgetown, at the firehouse for benefit of Amos Stoltzfus still hospitalized after six weeks Donations and buyers will be appreciated.

Auctioneer: Steve Petersheim
717-786-4624

MARTIN'S 11th ANNUAL
Carriage, Sleigh And Antique Auction



Restored pony size farm wagon

1974 International one ton truck, 12' box w/dual wheels Also flat bed carriage trailers

MAY 20, 21, & 22, 1982
Starting at 9:30 AM each day
Located at Martins Sales Pavilion, 2 miles East of Intercourse, Pennsylvania on Route 340 & 4 miles South of New Holland, Lancaster County, Pennsylvania.

Approximately 300 carriages & sleighs consisting of many nicely restored vehicles, both horse & pony size, have been consigned to both the Fri. & Sat. sessions. 2 & 4 pass. surreys; new & used breaking carts; dog carts; governess carts; Buckboards & democrats; restored curtain rockaway; restored coupe rockaway; Brewster Stanhope gig; Brewster panel boot victoria; restored skeleton boot victoria; restored Gentlemens driving phaeton; interchangeable roof seat break; runabouts including cut-under runabout by The French Carriage Co.; Brewster pony runabout; Brunswick pony trap; back-to-back traps; restored wagonette; 4-wheel Dog cart; sev. styles of phaetons (some wicker vehicles); Stanhope phaeton; meadowbrooks; gypsy wagons; gigs; top buggys; commercial including milk wagon, delivery wagons, opera bus, Brewster depot wagon; 2 & 4 pass. sleighs; trap sleigh; butcher sleigh; restored cabriolet sleigh; farm & spring wagons & many other types.

Catalogues including pictures & descriptions of all vehicles in the Gay Nineties Collection (approx. 20) to be sold Fri. eve. & approx. 160 vehicles for the Sat. session, are avail. for $6.00 plus $2.00 postage & handling.

Thurs. starting at 9:30 AM in the field with many wagon & carriage parts, undercarriages; leather goods; harness parts; wagon & carriage bodies; blacksmith & primitive tools; Landis shoe & leather polisher, Model #40R; Singer leather sewing machine, #29-2; Progressive leather cutter & crimper; horse drawn farm machinery & equipment & many other items. Under roof, approx. 1300 lots of coaching, driving & equestrian equipment & all types of horse related items will be sold during the three days.

Thurs., 10:00 A.M. - Antique furniture, misc. antiques & primitives. Household goods from private party including: Dutch cupboard; marble top stand; drop leaf table; end tables; oak desk; shaving stand; plank bottom chair; platform rocker; old wash stand; dressers; Ckosonic piano & bench; Coldspot refrigerator; white Westinghouse range w/continuous cleaning oven; Sears Kenmore microwave oven; Universal upright freezer; Craftsman work bench; & much more. Also nice variety of oak furniture; Hoosier cabinets.

Shaving stands & hall racks; asst. of rockers & chairs; parlor, dining room & bedroom accessories; asst. of new wood burning stove; Carnival glass; oak wall telephones; spinning wheels; old high chair; to name a few.

Special session - Fri., 6 PM - Collection of coaching, driving, hunting & carriage books, periodicals & prints.

Fri., 9 PM - Gay Nineties Museum Collection consisting of approx. 20 vehicles, misc. horse related items, antiques & life size harness makers horse, followed by consignments of good harness & appointments.

TERMS: CASH, CERTIFIED CHECKS, TRAVELERS CHECKS.

No additional consignments of horse drawn vehicles will be accepted for this auction. If you missed out on consigning a carriage or sleigh, we will be pleased to accept it for either Saturday, July 10 at West Springfield, Mass. or August 19-21 at Intercourse, Penna.

SALE SITE PHONE
717/768-8108
WEEK OF SALE ONLY

NO BUYER'S PREMIUM!!!

Martin Auctioneers, Inc.

Larry L and Paul Z Martin, Jr
P.O. Box 71 • Blue Ball, Pennsylvania 17506
Office Phones
717 / 354-7006 or 354-9530 (Week Days)

Coins Farm Related Items and Car Located at R D 2 Annville Lebanon County PA along the Water Works to Ono Rd ¼ mi south of McGillstown from Annville take Rt 934 north and then right onto Waterworks Rd to property on left Mr and Mrs John Moyer Owners Harry H Bachman Auctioneer

SAT MAY 29 10 A M Public Sale of Misc Items Located at Newport High School Newport PA Perry Co Newport School District Owners Klings Auction Service

MON MAY 31 9 00 A M Antiques Farmersville Auction In Farmersville 3 mi East of Brownstown Lancaster County, Pa John J Rutt, Auctioneer

MON MAY 31 8 30 A M Public Sale of Antiques Located at 400 W King St in the borough of East Berlin Adams Co PA Sarah C Leas Estate Clair R Slaybaugh Auctioneer

MON MAY 31 9 30 A.M Public Sale of Tractors and Etc Located from I 81 south of Martinsburg WV take exit #5, Inwood, WV Rt 51 east approx 3½ mi to Larry's Market formerly Haines' turn right 2 of a mi to sale or from Charles Town WV, take Rt 51 west, go approx 8 mi to Larry's Market turn left 2 of a mi to sale Edgar A Bohrer Sale Mgr

MON MAY 31 9 A M and TUES JUNE 1 10 A M Public Sale of Antique Primitives and Antique Furniture Located at Troxelville Antiques Troxelville, PA Joe Herman Owner Wayne Hess and Earl Eash Auctioneers

JUNE

TUES JUNE 1 11 A M Public Sale of Cattle Located at Ulysses PA Potter Co on Loucks Mills Rd Follow Ulysses—Loucks Mills sign from U S Rt 6 5 mi west of Galeton PA or Auction arrows on Rt 49 Main St Ulysses PA Jerry Pirrung Sales

WED JUNE 2 9 A M Consignment Sale by David H Good located ¼ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

FRI JUNE 4 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

FRI JUNE 4 Public Sale of Cattle Located at Blairs Mills Huntingdon Co Ronald Moore Owner Klings Auction Service

SAT JUNE 5 10 A M Special Purebred Heifer Sale at New Holland Sales Stables Inc 12 Miles East of Lancaster Pa just off Rt 23, New Holland, Pa Abe Diffenbach Manager

SAT JUNE 5 9 A M Public Sale of Antiques Real Estate and Blacksmith Tools Located along Rt 23 in the village of Blue Ball Richard Hoernlen Owner Nevin Martin and Lewis Groff Auctioneers

SAT JUNE 5 2 P M Public Sale of Sheep Located at Allentown Fairgrounds 1982 PA Sheep Field Day Program 814 238 2527

SAT JUNE 5 9 30 A M Consignment Auction Located at Penns Cave Centre Hall PA Nittany Antique Machinery Assn Inc 814 364 1872 814 237 3141

SAT JUNE 5 1 P M Public Sale of Farm Farmhouse Garage Barn and Shed Located from Rt 422 Douglassville go north on Rt 662 to intersection of Rt 562 Cross over 562 bear right onto Covered Bridge Rd go ½ mi to property on right Geyer Girvin Auction Co Inc

SAT JUNE 5 9 30 A M Public Sale of Real Estate Antiques, Guns Household Goods Money Coins Lawn Tractor Farm Machinery Tools and Safe Located on Rt 34 Perry Co between Shermansdale and New Bloomfield ½ mi south of Hecks Corner next to Kitner Bros Contractors Daniel J Kitner Sr Estate Kling's Auction Service

SAT JUNE 5 9 30 A M Public Sale of Mill Contents Located in Lewistown PA approx 3 blocks west from Walnut St exit off Rt 322 Old Shellenberg Planing Mill Mark Glick Auctioneer

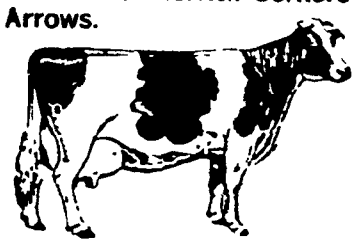
MON JUNE 7 9 30 A.M Consignment Sale Located at S Race St Myerstown Pa 17067 Sale held by Wengers Farm Machinery Inc

FRI JUNE 11 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

Clyde Eltz FARM SALE

Pleasant Mount, Pa., Wayne Co.

Due to the expiration of our lease, we will sell the following. Located 2 miles E. of Pleasant Mount on Pa. Rt. 670 leading to Honesdale, 7 miles N. of Waymart, & U.S. Rt. 6 via Rt. 296, 5 miles E. of Herrick Corners & Rt 171. Watch for Bunnell Red Arrows.



SATURDAY, MAY 22
10:30 A.M. Sharp
70 Reg. & Hi-Grade Holsteins 70
52 Grades-18 Reg.

Health - All 30 day tested free herd. T.B. Accredited. No. 009763. Brucellosis Cert. No. 032726. Majority calfhood vacc Examined for pregnancy. Penna. & Interstate charts.

This Wayne Co. sale consists of 55 milch cows, several fresh recently, close springers, several bred for summer, early & late fall, 15 open Reg & Grade yearling heifers.

Sale Highlights: Rolling herd ave. 15,228M 548F.

Cow #29 - Rosie Gr. 305d 21,123M 720F - Her yearling son sells, #58 - Lumpy Gr. 19,102M 887F, #52 Elevation Reg 18,957m 652F due sale day, #14 N-N Gr. 18,329m 690F, #34 Fig I Gr 18,047m 591F; #40 Fig III Gr. 184d 16,282m 595F. - bred for Nov. 2, #31 Betty Gr. 374d 18,468m 658F, #38 Fran Gr. 2 yr 17,678m 551F., #43 Nora Reg. 16,901m 613F , #64 Goldie (Reg Guernsey) 14,087m. 592F.

Popular Sires represented: Paclamar Bootmaker, Brooks-Twain Apollo King, Arlinda Rocket Fame, Penn Dell Gent Larry, Jet Stream, Job, Letters Burkgov Trump, FGP Elevate Ivan Al & Clydedale Larry Bootmaker Batman.

Here is your opportunity to purchase top Wayne Co animals from good record dams, will grown with good body conformation

Massey Ferguson Model 165 gas tractor, only 845 hrs , real top tractor, J D. Model B tractor, A-1, M.F #90 bucket loader A-1, Myers snowplow, M.F. 3 pth 2b 14" plows, A-1, Lilly 3 pth Fertilizer, M F 3 pt. pth 7 ft mower, Star 3 pth post hole digger, N H. 212 manure spreader, like new, cement mixer, AMF DeWalt Radial arm saw, A-1, metal gates, tractor chains, 2-2 wheel carts, baler twine, locust posts, set scaffold racks, ext ladder, 40 ft. wood, 9 bxes-50 lb. nails, nuts & bolts, roof paint, steel cable, 5 gal. cans grease and many other items too numerous to mention.

Here is the spring sale you have been waiting for - top cattle - good machinery - sale date:

SATURDAY, MAY 22
10:30 A.M.

Terms: Cash or approved check.

Owners
CLYDE & MABEL ELTZ
Pleasant Mount, Pa.
Ph-717-448-2485

Merton L. Bunnell & Associates, Aucts.
Springville, Pa.
Ph-717-965-2375

Lunch

Public Sales Register

SAT JUNE 12 10 A M Ag Industrial Equip Co Sale of New and Used Farm Equipment located at 1207 Telegraph Road, Rt 273 Rising Sun, Md Blaine Rentzel Auctioneer

SAT JUNE 12 9 A M Public Sale of Personal Property and Antiques Located at Fivepointville Fire Hall Fivepointville, PA Brita Musser and Irvine Good, Owners Randal Kline, Lloyd Kreider and Roy Good, Jr, Auctioneers

PRIVATE SALES DAILY

Dry Cows
Fresh Cows
Springing Heifers
Fresh Heifers
2 Reg. Calves
Reg. & Grade Service Age Bulls

1 Complete Herd of 30 Cows - Your Choice - Buy 1, 5, 10 or All
Most Due Summer & Fall

Smoketown Quality Dairy Sales Co.
Smoketown, Pa.
717-393-0930

NIGHT SALE! NIGHT SALE! NIGHT SALE!
TUESDAY, MAY 18, 1982
8:00 P.M. D.S.T.

SPECIAL HOLSTEIN DAIRY SALE

To Be Held At
SMOKETOWN QUALITY DAIRY SALES CO.

Rt. 340, Smoketown, PA - 5 mi. East of Lancaster, 5 mi. West of Intercourse.

One load of fancy Reg. & Grade Cows and Heifers out of New England states and Canada.

Reg. 2 yr. old Twin Heifers - Vacc. Sire - Sagese Chief Astronaut. Dam GP-83 pt. 303d. 21,037m. 745F. 2nd Dam - VG 87 pts. - 329d. 20,464m. 715F. One heifer is fresh milking 55 lbs. other heifer is due in June-Bred to Kingway Elevation Very.

Reg. Arbar Triune Challenge - Born 8-17-76 GP 81 pt. +775m. +17F. 2 yr. 2m. 305d. 15,720m. 3 yr. 4m 305d. 20,190. Bred to Doreigh Farms Mighty Falcon. Dam VG 86 6 yr. 4 yr. 8 m. 305d. 16,340m. 3.5m. 565f. Gramddam-G +82 pts. Avg. 4.3 t. Sire is +1346m. +27F. Daughters Avg. 17,635m. 613F.

Reg. Paclamar Master-Born 11-14-77 - GP 83 pts. Daughter Avg. 16,622m. 613F. Granddaughter of Paclamar Bootmaker. Dams records of 16,890 & 17,222 with 3.7t. to 3.9t - 621F. & 637F.

Reg. Skagvale Startrek Born 10-7-77 GP 80. 2 yr. & 3 yr. records over 13,000m. Dams 2 yr. 7 m. 14,540m. Granddam - 4 yr. 305d. 19,280m. 3.5t. 68.

Fancy Grade cow from Vermont Herd dispersal Grade 1st calf Elevation - Dam 4 yr. 3 m. 16612m. 3.7t. Grade freshened at 1 yr. 8m. 18,243m. 628F. Grade - As 5 yr. old 18,016m. 612F.

Seven cows from a herd dispersal - Herd avg. 15,797m. 3.5t 634F. on 92 cows. Records included Grade springer sire Willow. Dam Ted As 1st calf 21,555m. 4.4t. 2 yr. old mix breed cow. 1st calf 13,057m. 3.9t. 509.

Grade-1st calf record - 14,631m. 3.5 t. 512F. 2nd calf record - 16,218 3.6t. 587F.

Grade-1st calf record - 13,922m. 3.8t. 529F. 2nd calf record 15,513m. 3.9t. 593F.

Grade-1st calf record 13,387m 3.5t. 468F. 2nd calf record 15,613m. 3.6t. 562F.

Canadian Grade-1st calf record 14,308m. 3.6t. 515. 2nd calf record - 16,891m. 3.6t. 608F.

Reg. Heifer calf - Matcan Cavalier Willie. Son of Ca-Lill Standout Cavalier +1688m. +39. Daughs. Avg. 18,216m. 639F. Grandam records 16,170m. - 16,400m.

Reg. heifer calf - Busy-Acres Lindy +1000m. 27f. Daughs. Avg. 17,799m. 630F. Dam +590m. +5F. 2 yr. 4 m. 305d. 14,800m. 3.7t. 541F. Grandam +341m. +7f. 15,000m. 3.8t. 16,110m. 15,720m. 3.9t. 612F

Sale Managed By,
GORDON & HELEN FRITZ
717-393-0930

Cows milked at regular time
Cash or good check night of sale.
Carl Diller, Paul Snyder, Auctioneers
Henry Kettering-Pedigrees

CONSIGNMENT SALE OF THE LEBANON VALLEY CHRISTIAN SCHOOL
SATURDAY, MAY 22
9:00 A.M.

At the Myerstown Brethren Grove. Located approximately 1 mile northwest of Myerstown.

1-antique Jager 2 horsepower engine, running

FARM EQUIPMENT 3 point, 2 bottom plow, used; 15 K.W. P.T.O. generator; 5 K.W. P.T.O. generator, new; 9 foot John Deere disc with 3 point, 415; 42" P T.O. rototiller; M.H. 44 special diesel (needs engine work); 880 Oliver diesel; Martin liquid manure spreader; 2-new bedding shredders; miscellaneous hog equipment; farrowing crates; feeders; fencing, etc.; P.T.O. shafts; used Onan engine; fence posts; herd-ex breeding chart for 100 head; platform scales; Dion silage wagon roof.

LAWN AND GARDEN: 8 x 8 lawn shed; 8 x 10 mini barn; 2 push-type mowers; Int. Cud Cadet 112 with 48" mower and 36" snowblade, lawn and garden trailer, wheelbarrow; rototillers; garden seeder; barbecue grill; 2 sled snowmobile trailers; stockade fencing, pull-type lawn sweeper

NEW MOTORS AND GENERATORS. 10 new motors, 1/3 and ½ Horsepower; assorted used motors; 2 new engine-powered Lincoln welders, 1,500 watt generator (new); 4,000 watt generator (new); 2,500 watt generator (new) 5,000 and 3,700 watt belt-driven generators; new H/D 300 amp Lincoln welder, (belt-driven), 10 Horsepower Briggs and Straton engine with electric-starter generator.

HOUSEHOLD GOODS: 2 electric ranges; refrigerator; 2 automatic washers; dryer; air conditioners; the above guaranteed by Martin's Appliances, Myerstown, PA; wood-burning stove; fireplace screen; 3 space heaters; Maytag dishwasher; Maytag gas engine washer; office chairs, typewriter; movie projector; camera; floor model stereo; bicycles; guilts; afaghans; comforts; miscellaneous hand-crafted items.

NEW CARPET AND FURNITURE: 60 short rolls and room-sized carpets; 1 upholstered platform rocker; 1 Norwalk recliner; 1 room divider bookshelf; 2 night stands, all wood; hutch cupboard; 1 solid maple hutch; 1 desk with chair and top bookcase; 1 bachelor chest with hutch top; 1 double dresser and mirror; 1 sea chest; 2 lazy boy rockers; 2 lazy boy wall-away recliners; 2 baby cribs; 1 dining room set, 60" with leaf extentions to 84", tressel-type with benches; 1 bunk bed; approximately 12 miscellaneous coffee and end tables; 5 upholstered chairs; 2 living room suits and love seats; 3 hard-rock maple full size beds; 6 assorted wood chairs; 6 sets box springs and mattresses; 3 regular mattresses; 2 single mattresses; 1 queen-sized mattress; 6 assorted lamps; 6 assorted pictures.

BUILDING SUPPLIES: Steel and aluminum roofing; metal scaffolding; windows; doors; insulation; 55 gallon drums; lumber; 6 foot fiberglass overhead door with hardware; 8 foot fiberglass overhead door; wooden and metal fence posts; gas-powered concrete buggy; 275 gallon tank with pump; firewood; gas pump; miscellaneous switches.

Many more items too numberous to mention.

TRUCKLOAD LOTS

— Miscellaneous harware items from WHILHELM'S HARDWARE

— Miscellaneous hardware and tools from BLUE BALL MACHINE SHOP

— New and used tools from A.K. KING

— Miscellaneous bulk food items from DUTCH VALLEY FOODS

— Miscellaneous hardware items from MARTIN'S HARDWARE AND EQUIPMENT.

— New medicine cabinets and fixtures from LEBANON ELECTRIC SUPPLY COMPANY

3 Holstein heifer calves, approximately three months old; pigs, 40 to 80 pounds.

We sell on commission and will accept donations. Items will be accepted until 9:00 p.m. on Friday evening.

ALL ITEMS ARE SUBJECT TO PRIOR SALE. NOT RESPONSIBLE FOR ACCIDENTS, FIRE, OR THEFT.

SOUP AND BAKE SALE SPONSORED BY THE SCHOOL.

All proceeds will benefit the School Building Fund

Sylvan B. Witmer, Auctioneer

Conditions by the Sale Committee. For more information, contact any of the members at:

274-3218 — 733-5328
273-6613 — 273-9959
866-4086

FARM MACHINERY AUCTION
SATURDAY, MAY 22
11:00 A.M.

Located ½ mile Northwest of Carlisle on McClure's Gap Road, off route 641 at Westminster's Cemetery:

Oliver #1555 Gas Tractor, Cab - Wide Front, 1500 Hrs. (All New Rubber - Like New); Oliver #1450 Diesel Tractor - 2000 Hrs New Rear Tires - (Nice Shape); N.H #985 Combine - Hydrostatic-Cab (4-row Corn Head-13' Grain Platform); Oliver Super 77 Diesel (Only 2nd Owner-New Front Tires); Ferguson 30 Tractor; J.D. 4-row P-1240 Planter; I.H. 450 Auto-reset Plow - 3 pt. Hitch, 3'16" Bottom; White #254 10 ft. Transport Disc; N.H. #273 Kicker Baler (Good Shape); N.H. 256 Rake (Good); N.H. 460 Haybine; 3 Bale Wagons; Flat Wagon; Meyers Hay Conditioner; Fuel Tank & Gas Tank with Pumps; Oliver Super 13 Disc Drill - Good; Ontario 13 Disc Drill; 2 Killbros. Gravity Bins - 300 Series-Grove Running Gear; 10 Ft. Brillion Cultipacker - Good; Dunham 8 ft. Disc; Oliver 2-row Mtd. Picker; Oliver Single-row Picker - Pull type - Good; Kingwise 26' Elevator; Corn Drag Elevator; 2-3 Section Lever Harrows; J.D. 16A Flail Chopper for Parts; Trail 3-disc Plow; N.H. 327 PTO Manure Spreader, N.H. Pull-type Mower - 7 ft. Cut, 3 pt. Scraper Blade; 5 Hydraulic Cylinders; Battery Charger

WAGONLOAD OF MISC. ITEMS

Not Responsible For Accidents. I.D. Required for Bidder's No. Cash or Traveler's Checks.

MERLE E. MILLER & GENE MILLER,
Owners
717 249-4120 or
717 243-3967
Sale By: Kling's Auction Service
Landisburg, Pa.
717 789-3883

PUBLIC AUCTION
VALUABLE REAL ESTATE
38 ACRE FARM WITH BRICK HOME
ANTIQUES - HOUSEHOLD GLASSWARE

The undersigned, will offer at public auction the following, located taking U.S. Business Route 15 - 7 miles South of Gettysburg, Pa. (just after crossing 15 By-pass or one-mile North of Penna.-Md. line turn onto T-329 (SALE SIGN POSTED) & continue 1/4 mile to sale site on

SATURDAY, MAY 22, 1982
Sale Starting 10:00 A.M.
Real Estate At 12:00 Noon

All that tract of land lying and being in Freedom Township, Adams County, Pa. containing approximately 38.5 acres and having approximately 1,000 ft. frontage on T-329 & T-330.

Improvements on tract are a 26'x33' - 2½ story brick home containing kitchen, pantry, living room w/fireplace, parlor and central hallway on first floor and 4 bedrooms on second floor. Home has 14'x18' front porch, 7'x33' rear porch, second story front balcony, storage attic, metal roof and full basement.

Other improvements are a 14'x20' frame 2 story summer kitchen w/large fireplace and metal roof.

A 70'x48' frame and stone bank barn w/metal roof & an attached 45'x20' cement block dairy stable.

A 13'x18' frame one-car garage w/metal roof.

A 36'x30' combination wagon shed & corn crib w/metal roof.

A 12'x14' frame well house w/metal roof and other misc. buildings.

AUCTIONEER'S NOTE: This property offers many possibilities, is located only minutes from all city facilities and if looking for a nice country setting for horses or a small cattle farm - don't miss this sale.

PUBLIC INSPECTION: Sunday, May 9 - 1.00-4:00 P.M. Other inspections by appointment only by contacting undersigned auctioneer.

TERMS OF REAL ESTATE - 10% DOWN ON DAY OF SALE - Balance IN 30 DAYS - OTHER TERMS AT TIME OF SALE.

Owner,
E. MAE RHODES
Frank R. Shriver,
Power of Attorney
C. David Redding, Auctioneer
Rt. 6 - Gettysburg
Ph: 717-334-6941 or 334-6598
Teeter, Teeter & Teeter, Attorneys

Public Sales Register

Closing Date - Monday, 5:00 P M.
of each week's publication

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH: 717-786-3016

PUBLIC AUCTION

FARM MACHINERY, 2 TRACTORS, ETC.

(Owners leased farmland - makes sale necessary) 15 miles S of Tunkhannock, 6 miles W. of Dallas, 2 miles E. of Rt. 118 & 29 Junction Arrows off Rt 118 at Lehman. (Luz. Co.)

WEDS. EVE., MAY 19
6 P M

Case 730 D wfe tractor, 3 pth., good; MF 65D hi-clearance utility tractor, good; JD 24 skid loader w/full cab; AC 4-16" semi plows; MF 3-14" 3 pt. plows; JD 9' transport disc; 10' drag; Ford 532 haybine; NI rotobar rake; 12' Oak thrower rack; 46' AP elevator; 2 corn planters; Walsh 65 gal. sprayer; NI 10 picker; 350 & 275 gravity wagons; 2-1750 bu. round wire cribs; 3 pt. spreader; 9' tandem axle 14000 trailer; 5 Clay farrowing crates w/raised decks; 69 Ford F500 farm truck; some small items; etc.

Owners,
JAMES & PATRICIA PARRY
Conducted by
Fraley Auction Co., 546-6907

SAT JUNE 12 9 A M Public Sale of Antiques, Household Goods and Tools Located approx 2 mi north of Stewartstown, just off Rt 24 along Thompson Rd, in York Co, PA Claude W Thompson, Owner Robert L Sechrist, Auctioneer

SAT JUNE 12 - 10 A.M Public Sale of Real Estate, Jeep, Motorcycle, Farmall Cub, Farm Misc and Personal Property Located from Red Lion South on Rt 74 at Godfreys t/l on Burkholder Rd, go to New Bridgeville, go straight on Rt 425 south approx 6 mi property on right Corner of Rt 425 and Kline Rd, Chanceford Twp, York Co, PA Bradley W and Christine M Ludwig, Owners Bradley K Smith, Auct

SAT JUNE 12 9 A M Public Sale of Truck, Tractor, Crawler, Tools, Supplies, Hay, Straw and Lumber Located on Rt 443, 1 mi east of Rt 443 and 183 red light intersection in R D 3 Schuylkill Co PA Eleanor Heiser, Owner Jay Riegel, Jr, Auctioneer

WED JUNE 16 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co, PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI JUNE 18 - 5.30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 18 6 30 P M Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

SAT JUNE 19 10 A M Benefit Auction for the Ephrata Mennonite School Ernest M Stauffer, Auction Manager 733-3763 John E and Paul E Martin, Auctioneers

FRI JUNE 25 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI JUNE 25 1 00 P M Brooks End and Par Kay Farm Annual Summer Sale at the farm Beavertown, Pa Sale by Reno and Park Thomas and Mark Stehr, Mike Jones LaGrange, Ga Auctioneer

JULY

WED JULY 7 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co, PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI JULY 16 - 6 30 P M Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

FRI JULY 16 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

WED JULY 21 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst Auctioneer

FRI JULY 23 Public Sale of Cattle Located at Ft Louden, Franklin Co, PA, along Rt 30 Parnell Mt S Minor Robinson Owner Ralph W Horst, Auctioneer

FRI JULY 23, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge, Ira Stoltzfus & Son Auctioneers

FRI JULY 30 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JULY 31 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

AUGUST

WED AUG 4 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

WED AUG 18 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst Auctioneer

FRI AUG 20 6 P M Public Sale of Swine Located at Lebanon Fairgrounds Lebanon PA Leon and Lawrence Arnold Owners Harry Bachman Auctioneer

SEPTEMBER

WED SEPT 1 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

WED SEPT 15 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co, PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

SAT SEPT 18 Public Sale of Heifers, Quilts and Handmade Items Located 3 mi south of Atglen, PA along Newport Pike, Old Rt 41 West Fallowfield Christian School Building Fund Kurtz, Stoltzfus and Petersheim, Auctioneers

OCTOBER

SAT OCT 2 1982 Wesson's 'Spirit of 82 Sale at the Wesson Charolais Ranch Koshkonong, Missouri

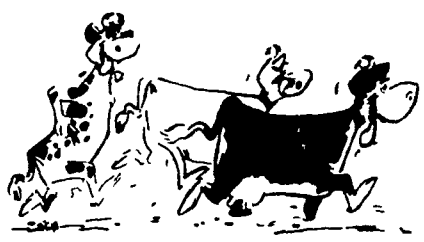
WED OCT 6 9 A.M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co, PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst, Auctioneer

THURS OCT 7 PA State Grange Reg and Grade Holstein Above Herd Average Dairy Sale at the Guernsey Sales Pavilion 6 mi east of Lancaster along Rt 30 State Grange and J Everett Kreider, sale managers and auctioneer

MON OCT 11 Hubert Charolais Ranch Production Sale Located at the ranch Monument Kansas Sale managed by Buzz Garey 100 Walnut Lane Morrisville PA 19067

WED OCT 20 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

MON OCT 25 Shallow Creek Charolais 20th Anniversary Production Sale At the ranch, Fort Sumner, New Mexico Dennis and Jane Adams, Owners, Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067, Sale Manager Garey Cattle Sales Inc



HURRY! HURRY! DAIRY FARMERS!

TO **MEL KOLB'S MONTHLY**

HOLSTEIN AUCTION

THURSDAY, MAY 20, 1982

7:30 P.M.

Location: At my Maryland Farm, located ½ mile northwest of Woodsboro, on Route 550, in Frederick County.

150 HEAD OF HOLSTEINS HAND PICKED BY US PERSONALLY!

These cows were selected from some of the better herds from several states. There will be top cows from Wisconsin, Minnesota, Maine, New Hampshire, Vermont, New York, Pennsylvania and Maryland.

There will be 75 Purebreds of the finest quality, several will be classified with DHIA Records, and some are milking up to 100 lbs. per day. There will be 25 big Purebred first calf heifers, fresh, milking up to 75 lbs. per day.

Also, there will be 50 big fancy Grade cows, just fresh or close to freshening. There will be 25 fancy Grade first calf heifers, just fresh, and 25 good Grade heifers close to freshening.

SAMPLE OF COWS SELLING

Hanover-Hill Triple Threat-Red dau.
Ideal Fury Reflector dau.
Kilensdale Ivanhoe Jack dau.
Almerson Rockman Lesier dau.
Knob Lick Elevation Bob dau.
Simpsons Apostle dau.
A Nelacres Johanna Senator dau.
Rock A dau.
Bis May Astro Jupiter dau.
Shardale Arlinda Chief Jemini dau.
Plushanski Persuader dau.
Paragon Bootmaker dau.
Round Oak Rag Apple Elevation dau.
Collins-Crest Sunshine Chief dau.
Milu Betty Ivanhoe Chief dau.
A Northcroft Admiral Citation dau.

This is a very special group of cows and heifers. If you need any top cows or heifers, Purebreds or Grades, please come to this Sale.

FREE LUNCH FOR ALL DAIRY FARMERS
FREE TRANSPORTATION FOR LANCASTER COUNTY AMISH
(Please call 569-2106 or 569-6800 for a ride to the Sale.)

Melvin Kolb, Sale Manager
Robert Mullendore, Auctioneer
Henry Kettering, Pedigrees
Mehrle Wachter, Clerk

PA FARM: Dennis Kolb, Manager
(717) 569-2106 or 569-6800
MD FARM: Thomas Miller, Manager
(301) 898-7720

PUBLIC SALE

LIQUIDATION OF
PINECREST INTERNATIONAL INC

TUESDAY, MAY 18

9:30 A.M.

LOCATED: 325 Mulberry St., York, PA.
(Off Rt. #30 - Sherman St. south).

SHOP EQUIPMENT, OFFICE EQUIPMENT, PARTS, SHOP EQUIPMENT

Hydraulic press 75 ton, grinders, torque wrenches, metal lathe 5" swing 36" table, welders, reamers, drill press, air compressors, test stands, engine stands, pressure gauges, work benches, floor crane, cylinder boring machine, bearing & gear pullers, sleeve pullers, OTC 50 ton walking beam press-portable, acetylene welding & cutting outfit, deep well sockets, 3/4" impact wrenches, Sun test stand, all type of hydraulic jacks, jack stands, transmission jacks, Malsbury steam cleaner, degreasing tub, vises, water fountain sanders, grinders, body shop tools, air chisels, Mig welder, CP 200 miller continuous or spot, brake dum lathe, cylinder head hone, Allen scope analyzer, special tools for Cat, Detroit, Cummins, Neway valve seat cutters, parts bins, shelving and racks, misc new truck parts.

OFFICE EQUIPMENT

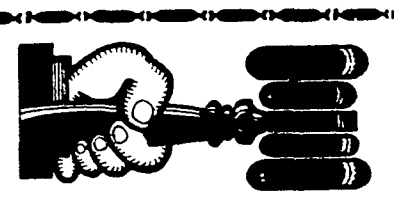
Metal office desk, office chairs, file cabinets of various sizes, York Safe 4"x25"x32", typing desk, executive desk, swivel chairs, adding machines, typewriters, padded stools, counters, time clocks, fire extinguishers, metal coat rack, Addressograph, Microfilm reader, metal lockers, bookcases, etc.

Used vehicles not sold prior to Sale Day will be included.

AUCTIONEER'S NOTE: This is only a small list of the items we have to sell. All shop equip. & office equip. are in very good condition and have many years of service left. DON'T MISS THIS SALE.

TERMS: Cash or good check - out of STATE BUYERS must have certified check or letter of credit. FULL SETTLEMENT SALE DAY.

PINECREST INTERNATIONAL INC.
325 Mulberry St.,
York, PA
717-843-0037
AUCTIONEER: Blaine N. Rentzel
Emigsville, PA
717-764-6412



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P M. Tuesday of each week's publication

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AND
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717 354-4071

LLOYD H. KREIDER
AUCTIONEER
717 786-3394

Purina BIO-MITTENT™ Lighting Program

The Bio-Mittent™ Lighting Program

The Purina® Bio-Mittent Lighting Program is a unique lighting program for pullets and layers which saves energy and money without adversely affecting growth or egg production. It supplies pullets and layers with 15 minutes of light and 45 minutes of darkness each hour they receive light under a standard lighting program. This intermittent lighting program resulted from the discovery that chickens will grow and produce well when supplied 15 minutes of light per hour instead of 60 minutes.

Potential Bio-Mittent Lighting Savings Per Cycle
For John Smith Egg Farm, Inc.

No. of light bulbs	350	Feed price=$180/ton=$ 09/lb	
Wattage per bulb	40	No of layers = 50,000	
Cost/killowatt	4¢	Type housing ___Brownout	
		✔ Blackout	
Timeclock			$120
Override timer			$ 30
Wiring/Installation			$130

Electrical Savings

350 bulbs x 40 watts/bulbs/hr ÷ 1000 watts/killowatt = 14 kw/hr

Standard Lighting Program: 14 kw/hr x 17 hrs/day x .04/kw	= $9.52/day
Bio-Mittent Program: 14 kw/hr x 4 25 hrs/day x 04/kw	= $2.38/day
Difference in Standard vs. Bio-Mittent Lighting	= $7.14/day
No of days Bio-Mittent Lighting used/cycle	x 240 days/cycle
	$1713 6/cycle
No. of layers	÷50,000 birds
Electrical Savings/Bird/Cycle	3.4¢

Feed Savings,

For Non Light Tight Houses 0 1 lbs/doz
For Light Tight Houses 0 2 lbs/doz
For Open-Sided Houses No feed savings only electrical

0 2 lbs/doz feed savings
x 15 doz eggs/bird/cycle/while on Bio-Mittent Lighting
3 0 lbs/bird/cycle
x 09/lb feed cost
Value of Feed Savings/Bird/Cycle .27¢

Extra Saleable Eggs

15 doz eggs/bird/cycle during x 2 7% Cracks & Checks x 10% Fewer Cracks & Checks = 04 doz
Bio-Mittent Lighting (Estimate) with Bio-Mittent Lighting
Value difference of Saleable Grade A vs Cracks & Checks x 20¢/doz
Value of Extra Saleable Eggs/Bird/Cycle .8¢

TOTAL VALUE/BIRD/CYCLE	31.2¢
No of birds	x 50,000
GROSS VALUE to John Smith Egg Farm	$15,600 00

Cost To Implement

Timeclock (with 15 minute setting)	$120 00
Override timer	$ 30 00
Wiring and installation	$150 00
TOTAL COST to John Smith Egg Farm	$300 00
Net Value = Gross Value Total Cost to John Smith Egg Farm	$15,300 00

Why Bio-Mittent Lighting Works

Bio-Mittent Lighting works because short periods of light repeated often are interpreted by the chicken as constant light. The chicken's hormonal reproductive control system does not recognize darkness unless she is without light over 3 hours. Thus, the dark periods are never perceived as such by the hen's system. For Bio-Mittent Lighting to provide maximum benefits, light tight housing is required. In non-light tight houses, electrical savings are realized but feed savings are slightly less. In open-sided housing, the advantage is only electrical savings. However, this still can be significant.

Bio-Mittent Lighting for Pullets

The function of a pullet lighting program is to control sexual maturity. As with a standard lighting program, on the Bio-Mittent Lighting program pullets receive constant light from 1-14 days of age. Afterwards, until 20 weeks of age, the Bio-Mittent Lighting Program is implemented. The intermittent pattern of 15 minutes light/45 minutes darkness per light hour is used during the time lights are normally used.

Bio-Mittent Lighting For Layers

When the hours of light are increased to stimulate onset of lay, constant light should be initiated and continued through 36 weeks of age. At which time, layers can gradually be phased onto Bio-Mittent Lighting. Intermittent lighting is continued throughout the laying cycle and can be used in the second cycle with comparable savings, if the flock is molted.

PROOF OF PERFORMANCE
Research Results
Layers:

Table 3. **Effect of Bio-Mittent Lighting on Egg Production, Egg Weight, Feed Efficiency and Weight of Layers**

Lighting Program**	Production Hen-Day, %	Egg Wt., Grms.	Lbs. Feed Per Doz. Eggs	Body Weight Change, lbs.
60L:0D	76 9	53.5	3.24	.83
15L:45D	76 6	53.5	3.08	64

Lighting Program**	Relative Shell Strength, %	
	Comparison #1	Comparison #2
60L:0D	100.0	100.0
15L:45D	101.6	101.0

*Tests were conducted at Purina Research Farm with commercial White Leghorn strains of hens lighted 15 hours per 24 hour day

**Number of minutes of light:number of minutes of dark per light hour. Birds were grown under the same lighting regimes as pullets using 8 light hours per 24-hour day. At 20 weeks, lights were increased to constant light for 13 hours and at 24 weeks to constant light for 14 hours. At 28 to 36 weeks 15 patterns of designated light sequences were used.

FOR HELP IN IMPLEMENTING THIS PROGRAM CONTACT YOUR PURINA DEALER

HESS MILLS
PHONE 717 442-4183
717 768 3301
PARADISE PA 17562

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23 N PARK ST RICHLAND PA 17087

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WEST WILLOW PA 17583

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BERRYSBURG PA 17005

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Rising Sun, MD
301-658-5795

Anthony's Feed Mill
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STRAUSSTOWN PA 19559